CVn CURRÍCULUM VÍTAE NORMALIZADO

Daniel Garijo Verdejo
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GOBIERNO DE ESPAÑA MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES

FECYT INNOVACIÓN

Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

Daniel Garijo Verdejo is a Distinguished Researcher at the Ontology Engineering Group of the Universidad Politécnica de Madrid (with R3 and Contratado Doctor recognitions by ANECA) currently holding a Beatriz Galindo Award (2021-2025). Previously, he held a research Computer Scientist position at the Information Sciences Institute of the University of Southern California, in Los Angeles, where he also had postdoctoral position between 2016 and 2018.

Daniel graduated from his PhD on Artificial intelligence (extraordinary award, 2015) at the Ontology Engineering Group of the Universidad Politécnica de Madrid. His PhD (2011-2015) was funded by a FPU scholarship of the Spanish government (2011). During this time, he completed three internships at the Information Sciences Institute that shaped his line of research and fostered his collaborations with researchers from other institutions in the US. Back in Spain, Daniel also collaborated with European project partners from the UK and Germany that boosted the international visibility of his work. In addition, Daniel has participated in community initiatives such as W3C standardization processes (e.g., Provenance Incubator Group, Provenance Working Group) and the Dublin Core Metadata Initiative.

Daniel's line of research focuses on the area of e-Science, in particular on capturing the context and metadata of Research Software and computational experiments to foster their compliance with the Findable, Accessible, Interoperable and Reusable (FAIR) principles. In order to do so, all the elements belonging to an experiment are converted to Knowledge Graphs and exposed as Linked Data. Important contributions derive from this line of research:
1) Generation of semantic models and contribution to standards to represent the metadata and context of all resources (data, software and methods) associated with a scientific research experiment
2) Methodologies and frameworks for detecting commonalities among scientific experiments and fostering their reusability.
3) Frameworks for automatically capturing, exploiting and publishing scientific software metadata and its associated results.
4) Means to improve the explainability of experiments by automatically creating narratives of their results

As a result of his work and international visibility, Daniel has published in top peer-reviewed journals (19 JCR journals, with 8 Q1, 6 Q2, 5 Q3 and 4 non JCR), international conferences (more than 29 international conferences, 15 GGS Class 1 and 2, such as AAAI and the ISWC) and more than 25 peer-reviewed workshops. Daniel's papers have

more than 5700 citations (h-index of 33, 15 papers with 100+ citations) and has been an invited speaker at universities all over the world (Stanford, Hawaii, Austin, Amsterdam, London, etc.). In addition, he has been invited to four different Dagstuhl seminars (on provenance, reproducibility, argumentation and scientific software respectively) to discuss about the future of a research topic/area.

Daniel has collaborated with researchers from multiple disciplines, ranging from Astronomy to Geosciences, and supervised over 25 undergraduate, graduate and master students that have worked under him in national and international projects. He has participated in 20 national and international research projects, leading (or co-leading) 4 as a principal investigator.

Daniel has also been heavily involved with the scientific community, having organized workshops for scientific knowledge capture (International workshop on Capturing Scientific Knowledge (SciKnow), International Workshop on Enabling Open Semantic Science (SemSci2018)) and reproducible AI (AAAI 2020 Workshop on Reproducible AI - RAI2020) at the top conferences of his field. He has also held several organizational roles at these events (Program chair at K-CAP 2023, Workshop and Tutorial Chair at K-CAP 2019, Poster and Demo Chair at ESWC 2020, Knowldge Graph Chair at K-CAP 2021) and is part of the program committee of the most relevant conferences in his field (WWW, ISWC, AAAI, K-CAP, ESWC, IJCAI).

General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

According to Google Scholar: 5729 citations; H-Index: 33; I-10 Index: 68. https://scholar.google.es/citations?user=meb5L6oAAAAJ&hl=es

According to Scopus: 2259 citations; H-Index: 23; https://www.scopus.com/authid/detail.uri?authorId=54405468800

Citations between 2019-2024: 4160 (Google scholar)

Q1 Journals: 8

Q2 Journals: 6

Q3 Journals: 5

Publications in GII-GRIN-SCIE conferences:
 Class 1 (A, A++): 11 [Association for the Advancement of Artificial Intelligence (AAAI):1, International Semantic Web Conference (ISWC): 8, Mining Software Registries: 2]
  Class 2 (A, A-): 6 [Intelligent User Interfaces (IUI): 2, Pacific Symposium on Biocomputing (PSB): 1, Knowledge Capture (K-CAP): 3]

Publications in workshops co-located with GII-GRIN-SCIE conferences:
Class 1 (A, A++): 12 [Very Large Data Bases (VLDB):1, International Conference on Machine Learning (ICML): 1, The Web Conference (WWW):1, Extending Database Technology (EDBT): 1, International Semantic Web Conference (ISWC):4, SuperComputing (4)]
Class 2 (A, A-): 10 [Knowledge Capture (K-CAP):7, Extended Semantic Web Conference (ESWC):3]

Other relevance criteria:
 - MIT Journals: 1,
 - ACM Journals: 2
 - Dagstuhl Manifestos: 3

- eScience: 5. The eScience conference, despite being rated as B due to its inter-disciplinar nature, is a very significant venue for my area of research.

- My software has received over 250 stars in GitHub: https://github.com/dgarijo/

- Participated in 20 national and international projects, being a PI (or co-PI) in 4 of them

- W3C standard recommendations: 3

- My articles have received several awards at top international conferences (ISWC best demo award, ISWC best resource paper award)

WoS reviewer profile: https://www.webofscience.com/wos/author/record/H-8846-2019

- Reviewed more than 45 JCR journals publications

- Participated in more than 50 Workshop Program Committees (reviewing more than 115 papers)

- Participated in more than 50 Program Committees of international conferences (reviewing more than 195 papers)

Daniel Garijo Verdejo

Surname(s):	**Garijo Verdejo**
Name:	**Daniel**
DNI:	**53620518C**
ORCID:	**0000-0003-0454-7145**
ScopusID:	**54405468800**
Date of birth:	**31/01/1986**
Gender:	**Male**
Nationality:	**Spain**
Country of birth:	**Spain**
Aut. region/reg. of birth:	**Catalonia**
City of birth:	**Barcelona**
Land line phone:	**(34) 913527815**
Email:	**dgarijov@gmail.com**
Mobile phone:	**(34) 667949892**
Personal web page:	**http://dgarijo.com**

Current professional situation

Employing entity: Universidad Politécnica de Madrid   **Type of entity:** University

Department: Artificial Intelligence, ETSI Ingenieros Informáticos

Professional category: Distinguished researcher

City employing entity: Madrid, Community of Madrid, Spain

Email: daniel.garijo@upm.es

Start date: 01/03/2021

Type of contract: Temporary employment contract   **Dedication regime:** Full time

Primary (UNESCO code): 330400 - Computer technology

Performed tasks: Beatriz Galindo researcher: write proposals, give lectures and talks about ongoing research, mentor students, write research publications for workshops, conferences and journals,work on research projects, advance current line of research

Identify key words: Information technology and adata processing

Previous positions and activities

	Employing entity	Professional category	Start date
1	Information Sciences Institute	Computer Scientist	01/07/2018
2	Information Sciences Institute	Postdoc	01/09/2016
3	Universidad Politécnica de Madrid	Estudiante de doctorado	01/09/2011

1 **Employing entity:** Information Sciences Institute   **Type of entity:** University Research Institute
Professional category: Computer Scientist
Start-End date: 01/07/2018 - 01/03/2021   **Duration:** 2 years

2	**Employing entity:** Information Sciences Institute	**Type of entity:** University Research Institute
	Professional category: Postdoc	
	Start-End date: 01/09/2016 - 01/07/2018	**Duration:** 2 years

3	**Employing entity:** Universidad Politécnica de Madrid	**Type of entity:** University
	Professional category: Estudiante de doctorado	
	Start-End date: 01/09/2011 - 15/12/2016	**Duration:** 5 years

Summary of professional activity

Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

1 **University degree:** Higher degree
Name of qualification: Master en Inteligencia Artificial
Degree awarding entity: Universidad Politécnica de   **Type of entity:** University
Madrid
Date of qualification: 01/02/2011

2 **University degree:** Higher degree
Name of qualification: Ingenieria Superior en Informatica
Degree awarding entity: Universidad Complutense   **Type of entity:** University
de Madrid
Date of qualification: 01/06/2009

Doctorates

Doctorate programme: Doctor en Inteligencia Artificial
Degree awarding entity: Universidad Politécnica de   **Type of entity:** University
Madrid
Date of degree: 22/12/2015

Attended advanced, improvement and innovative teacher training and new technology courses and seminars focused on improving teaching

Title of course/seminar: CITI Collaborative Institutional Training Initiative (CITI)
Goals of the course/seminar: The goals of the course where to complete a course on research and mentorship. The course included the following modules: - Research Misconduct - Data Acquisition, Management, Sharing and Ownership - Publication Practices and Responsible Authorship - Peer Review - Mentor and Trainee Responsibilities - Conflicts of Interest and Commitment - Collaborative Research - Human Subjects
Organising entity: University of Southern California
Duration in hours: 2 hours
Start-End date: 20/07/2011 - 20/07/2011

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
French	B2	B2	B1	B1	B1
English	C2	C2	C2	C2	C2

Teaching experience

General teaching experience

1 **Type of teaching:** Official teaching
Name of the course: Ciencia en la Web
Type of programme: Technical engineering   **Type of teaching:** In person theory
Type of subject: Optional
University degree: Master Universitario en Inteligencia Artificial
Start date: 01/09/2024   **End date:** 20/12/2024
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 2
Entity: Universidad Politécnica de Madrid   **Type of entity:** University
Faculty, institute or centre: ETSI Informáticos

2 **Type of teaching:** Official teaching
Name of the course: Fundamentos de la Investigación
Type of programme: Technical engineering   **Type of teaching:** In person theory
University degree: Master Universitario en Ciencia de Datos
Start date: 01/09/2024   **End date:** 20/12/2024
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 6
Entity: Universidad Politécnica de Madrid   **Type of entity:** University

3 **Type of teaching:** Official teaching
Name of the course: Web Semántica, Linked Data y Grafos de Conocimiento
Type of programme: Technical engineering   **Type of teaching:** In person theory
University degree: Grado en Ciencia de Datos e Inteligencia Artificial
Start date: 01/09/2024   **End date:** 20/12/2024
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 12
Entity: Universidad Politécnica de Madrid   **Type of entity:** University
Faculty, institute or centre: ETSI Informáticos

4 **Type of teaching:** Official teaching
Name of the course: Web Semántica, Linked Data y Grafos de Conocimiento
Type of programme: Technical engineering   **Type of teaching:** In person theory
University degree: Grado en Ingeniería Informática
Start date: 01/09/2024   **End date:** 20/12/2024
Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 24

Entity: Universidad Politécnica de Madrid   **Type of entity:** University

Faculty, institute or centre: ETSI Informáticos

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5   **Type of teaching:** Official teaching

Name of the course: Inteligencia Artificial y Ciencia Abierta en Ingeniería de Software Científico

Type of programme: Bachelor's degree   **Type of teaching:** In person theory

Type of subject: Optional

University degree: Grado en Ingeniería Informática

Start date: 31/01/2024   **End date:** 15/06/2024

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 12

Entity: Universidad Politécnica de Madrid   **Type of entity:** University

Faculty, institute or centre: ETSI Informáticos

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6   **Type of teaching:** Official teaching

Name of the course: Ciencia en la Web

Type of programme: Technical engineering   **Type of teaching:** In person theory

University degree: Master Universitario en Inteligencia Artificial

Start date: 01/09/2023   **End date:** 20/12/2023

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 2

Entity: Universidad Politécnica de Madrid   **Type of entity:** University

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7   **Type of teaching:** Official teaching

Name of the course: Fundamentos de la Investigación

Type of programme: Technical engineering   **Type of teaching:** In person theory

University degree: Master Universitario en Ciencia de Datos

Start date: 01/09/2023   **End date:** 20/12/2023

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 6

Entity: Universidad Politécnica de Madrid   **Type of entity:** University

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8   **Type of teaching:** Official teaching

Name of the course: Ingeniería Ontologica

Type of programme: Technical engineering   **Type of teaching:** In person theory

University degree: Master Universitario en Inteligencia Artificial

Start date: 01/09/2023   **End date:** 20/12/2023

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 8

Entity: Universidad Politécnica de Madrid   **Type of entity:** University

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9   **Type of teaching:** Official teaching

Name of the course: Open Data and Knowlege Graphs

Type of programme: Technical engineering   **Type of teaching:** In person theory

University degree: Master Universitario en Ciencia de Datos

Start date: 01/09/2023   **End date:** 20/12/2023

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 16

Entity: Universidad Politécnica de Madrid   **Type of entity:** University

10 **Type of teaching:** Official teaching
Name of the course: Web Semántica, Linked Data y Grafos de Conocimiento
Type of programme: Technical engineering   **Type of teaching:** In person theory
University degree: Grado en Ciencia de Datos e Inteligencia Artificial
Start date: 01/09/2023   **End date:** 20/12/2023
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 12
Entity: Universidad Politécnica de Madrid   **Type of entity:** University

11 **Type of teaching:** Official teaching
Name of the course: Web Semántica, Linked Data y Grafos de Conocimiento
Type of programme: Technical engineering   **Type of teaching:** In person theory
University degree: Grado en Ingeniería Informática
Start date: 01/09/2023   **End date:** 20/12/2023
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 24
Entity: Universidad Politécnica de Madrid   **Type of entity:** University

12 **Type of teaching:** Official teaching
Name of the course: Inteligencia Artificial y Ciencia Abierta en Ingeniería del Software Científico
Type of programme: Technical engineering   **Type of teaching:** In person theory
University degree: Grado en Ingeniería Informática
Start date: 01/02/2023   **End date:** 20/06/2023
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 12
Entity: Universidad Politécnica de Madrid   **Type of entity:** University

13 **Type of teaching:** Official teaching
Name of the course: Fundamentos de la Investigación
Type of programme: Technical engineering   **Type of teaching:** In person theory
University degree: Master Universitario en Ciencia de Datos
Start date: 01/09/2022   **End date:** 20/12/2022
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 6
Entity: Universidad Politécnica de Madrid   **Type of entity:** University

14 **Type of teaching:** Official teaching
Name of the course: Open Data and Knowlege Graphs
Type of programme: Technical engineering   **Type of teaching:** In person theory
University degree: Master Universitario en Ciencia de Datos
Start date: 01/09/2022   **End date:** 20/12/2022
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 16
Entity: Universidad Politécnica de Madrid   **Type of entity:** University

15 **Type of teaching:** Official teaching
Name of the course: Web Semántica, Linked Data y Grafos de Conocimiento
Type of programme: Technical engineering   **Type of teaching:** In person theory
University degree: Grado en Ciencia de Datos e Inteligencia Artificial
Start date: 01/09/2022   **End date:** 20/12/2022
Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 12

Entity: Universidad Politécnica de Madrid   **Type of entity:** University

16   **Type of teaching:** Official teaching

Name of the course: Web Semántica, Linked Data y Grafos de Conocimiento

Type of programme: Technical engineering   **Type of teaching:** In person theory

University degree: Grado en Ingeniería Informática

Start date: 01/09/2022   **End date:** 20/12/2022

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 24

Entity: Universidad Politécnica de Madrid   **Type of entity:** University

17   **Type of teaching:** Official teaching

Name of the course: DATA SCIENCE SEMINARS

Type of programme: Technical engineering   **Type of teaching:** In person theory

University degree: Master Universitario en Ciencia de Datos

Start date: 01/06/2022   **End date:** 20/12/2021

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 5

Entity: Universidad Politécnica de Madrid   **Type of entity:** University

18   **Type of teaching:** Official teaching

Name of the course: Ciencia en la Web

Type of programme: Technical engineering   **Type of teaching:** In person theory

University degree: Master Universitario en Inteligencia Artificial

Start date: 01/09/2021   **End date:** 20/12/2021

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 2

Entity: Universidad Politécnica de Madrid   **Type of entity:** University

19   **Type of teaching:** Official teaching

Name of the course: Datos Abiertos y Grafos de Conocimiento

Type of programme: Technical engineering   **Type of teaching:** In person theory

University degree: Master Universitario en Ciencia de Datos

Start date: 01/09/2021   **End date:** 20/12/2021

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 18

Entity: Universidad Politécnica de Madrid   **Type of entity:** University

20   **Type of teaching:** Official teaching

Name of the course: Ingeniería Ontologica

Type of programme: Technical engineering   **Type of teaching:** In person theory

University degree: Master Universitario en Inteligencia Artificial

Start date: 01/09/2021   **End date:** 20/12/2021

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 8

Entity: Universidad Politécnica de Madrid   **Type of entity:** University

21   **Type of teaching:** Official teaching

Name of the course: Web Semántica, Linked Data y Grafos de Conocimiento

Type of programme: Technical engineering   **Type of teaching:** In person theory

University degree: Grado en Ingeniería Informática
Start date: 01/09/2021   **End date:** 20/12/2021
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 24
Entity: Universidad Politécnica de Madrid   **Type of entity:** University

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22   **Type of teaching:** Official teaching
Name of the course: Seminarios de Ciencia de Datos (Inglés)
Type of programme: Technical engineering   **Type of teaching:** In person theory
University degree: Máster Universitario en Ciencia de Datos
Start date: 15/04/2021   **End date:** 15/04/2021
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 3
Entity: Universidad Politécnica de Madrid   **Type of entity:** University

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23   **Name of the course:** DSCI 560 - Data Science Professional Practicum
University degree: Data Science Program
Start date: 01/09/2020   **End date:** 16/12/2020
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 4
Entity: University of Southern California   **Type of entity:** University

Experience supervising doctoral thesis and/or final year projects

1   **Project title:** RepoFromPaper: An Approach to Extract Software Code Implementations from Scientific Publications
Type of project: 073
Entity: Universidad Politécnica de Madrid   **Type of entity:** University
Student: Aleksandar Stankovski
Obtained qualification: Sobresaliente
Date of reading: 22/07/2024
Quality recognition: Yes   **Date of award:** 26/09/2024
Narrative Explanation: Trabajo de Fin de máster. URL: https://oa.upm.es/82930/

2   **Project title:** SALTBot: linking software and articles in Wikidata
Type of project: 073
Co-director of thesis: Daniel Garijo Verdejo
Entity: Universidad Politécnica de Madrid   **Type of entity:** University
Student: Jorge Bolinches Segovia
Obtained qualification: Sobresaliente
Date of reading: 22/07/2024
Narrative Explanation: Tabajo de fin de máster. URL: https://oa.upm.es/82934/

3   **Project title:** Creación de un Grafo de Conocimiento para Agrupar Nombres de Herramientas Similares
Type of project: 072
Co-director of thesis: Daniel Garijo Verdejo
Entity: Universidad Politécnica de Madrid   **Type of entity:** University
Student: Hector López Valero
Obtained qualification: Sobresaliente
Date of reading: 05/06/2023

Narrative Explanation: Tabajo de fin de grado. URL: https://oa.upm.es/75056/

4 **Project title:** Creación de un Portal a partir de los Proyectos de Software de una Organización
Type of project: 072
Co-director of thesis: Daniel Garijo Verdejo
Entity: Universidad Politécnica de Madrid   **Type of entity:** University
Student: Daniel Rodriguez Mariblanca
Obtained qualification: Sobresaliente
Date of reading: 02/06/2023
Narrative Explanation: Tabajo de fin de grado. URL: https://oa.upm.es/71165/

5 **Project title:** Extracción y Representación Automática de Metadatos en Jupyter Notebooks
Type of project: 072
Co-director of thesis: Daniel Garijo Verdejo
Entity: Universidad Politécnica de Madrid   **Type of entity:** University
Student: Daniel Rodriguez Rodriguez
Obtained qualification: Sobresaliente
Date of reading: 20/05/2023
Narrative Explanation: Tabajo de fin de grado. URL: https://oa.upm.es/71305/

6 **Project title:** A methodology for research software classification
Type of project: 073
Co-director of thesis: Daniel Garijo Vedejo
Entity: Universidad Politécnica de Madrid   **Type of entity:** University
Student: Jenifer Tabita Ciuciu-Kiss
Obtained qualification: Sobresaliente
Date of reading: 20/06/2022
Quality recognition: Yes   **Date of award:** 19/04/2023
Narrative Explanation: Trabajo de fin de máster. URL: https://oa.upm.es/71376/ Premio nacional en Hungría (sección de IA): https://ms.sapientia.ro/otdk2023/hu/hirek/eredmenyek

7 **Project title:** Creation of a framework for the monitoring and adoption of good Open Science practices in software repositories
Type of project: 072
Co-director of thesis: Daniel Garijo Verdejo
Entity: Universidad Politécnica de Madrid   **Type of entity:** University
Student: Miguel Arroyo Marquez
Obtained qualification: Sobresaliente
Date of reading: 30/01/2023
Narrative Explanation: Tabajo de fin de grado. URL: https://oa.upm.es/72739/

8 **Project title:** Creación de un framework para comparar proyectos de software científico similares
Type of project: 072
Co-director of thesis: Daniel Garijo Verdejo
Entity: Universidad Politécnica de Madrid   **Type of entity:** University
Student: Javier Prieto Recio
Date of reading: 20/01/2023
Narrative Explanation: Trabajo de fin de grado. URL: https://oa.upm.es/72897/

9 **Project title:** Creación de Grafos de Conocimiento a Partir de Código de Software Científico en Distintos Lenguajes de Programación
Type of project: 072
Entity: Universidad Politécnica de Madrid   **Type of entity:** University
Student: Jose Alberto Cañibano López
Date of reading: 20/11/2022
Narrative Explanation: Trabajo de fin de grado. URL: https://oa.upm.es/72746/

10 **Project title:** Detección de Agradecimientos en Proyectos Software
Type of project: 072
Co-director of thesis: Daniel Garijo Verdejo
Entity: Universidad Politécnica de Madrid   **Type of entity:** University
Student: David Martín Matamala
Date of reading: 20/11/2022
Narrative Explanation: Trabajo de fin de grado. URL: https://oa.upm.es/72768/

11 **Project title:** Métrica, Método y Herramienta para la validación del grado de FAIRness de un Research Object
Type of project: 073
Co-director of thesis: Daniel Garijo Verdejo
Entity: Universidad Politécnica de Madrid   **Type of entity:** University
Student: Alejandro Benitez Lopez
Date of reading: 01/07/2022
Narrative Explanation: Trabajo de fin de máster. URL: https://oa.upm.es/71396/

12 **Project title:** Topic modeling for research software
Type of project: 073
Co-director of thesis: Daniel Garijo Verdejo
Entity: Universidad Politécnica de Madrid   **Type of entity:** University
Student: María Ayuso Luengo
Obtained qualification: Sobresaliente
Date of reading: 20/06/2022
Narrative Explanation: Trabajo de fin de máster. URL: https://oa.upm.es/71379/

13 **Project title:** Creación de un Grafo de Conocimiento Usando Extracción de Relaciones a partir de Entidades Nombradas Extraídos de Archivos Readme
Type of project: 072
Co-director of thesis: Daniel Garijo Verdejo
Entity: Universidad Politécnica de Madrid   **Type of entity:** University
Student: Andres Cardozo Blanco
Obtained qualification: Sobresaliente
Date of reading: 02/06/2022
Narrative Explanation: Trabajo de fin de grado. URL: https://oa.upm.es/71156/

14 **Project title:** Creación de una Aplicación para la Generación de Objetos de Investigación a partir de Metadatos Mínimos
Type of project: 072
Entity: Universidad Politécnica de Madrid   **Type of entity:** University
Student: Floriana Antonia Pavel
Obtained qualification: Sobresaliente
Date of reading: 02/06/2022
Narrative Explanation: Trabajo de fin de grado. URL: https://oa.upm.es/71160/

15 **Project title:** Extracción de Entidades Nombradas a Partir de la Documentación del Software
Type of project: 072
Entity: Universidad Politécnica de Madrid   **Type of entity:** University
Student: Marco Antonio Da Silva Santucci
Obtained qualification: Sobresaliente
Date of reading: 20/05/2022
Narrative Explanation: Trabajo de fin de grado. URL: https://oa.upm.es/70988/

16 **Project title:** SALTbot: Creación de un Bot para Enlazar Artículos y Software en WikiData
Type of project: 072
Co-director of thesis: Daniel Garijo Verdejo
Entity: Universidad Politécnica de Madrid   **Type of entity:** University
Student: Jorge Bolinches Segovia
Date of reading: 20/05/2022
Narrative Explanation: Trabajo de fin de grado. URL: https://oa.upm.es/71007/

17 **Project title:** Creación de un Sistema para Autocompletar Archivos README
Type of project: 072
Co-director of thesis: Daniel Garijo Verdejo
Entity: Universidad Politécnica de Madrid   **Type of entity:** University
Student: Javier de Toro Carrilero
Date of reading: 30/01/2022
Narrative Explanation: Tabajo de fin de grado. URL: https://oa.upm.es/69853/

18 **Project title:** Creación de un Servicio Web para Extracción de Metadatos de Software
Type of project: 072
Co-director of thesis: Daniel Garijo Verdejo
Entity: Universidad Politécnica de Madrid   **Type of entity:** University
Student: Victor Fernandez-Lancha Aranda
Obtained qualification: Sobresaliente
Date of reading: 20/12/2021
Narrative Explanation: Tabajo de fin de grado. URL: https://oa.upm.es/69859/

Courses and seminars given

1 **Type of event:** Seminar
Name of the event: Jornada Madroño "Datos de investigación: Experiencias, retos y oportunidades ante la reforma de la evaluación de la investigación"
Organising entity: Universidad Politécnica de Madrid   **Type of entity:** University
Aims of the course: Objetivos de la jornada - Descubrir los principales retos y oportunidades de la gestión de datos de investigación en el contexto de la reforma de la evaluación de la investigación. - Conocer las infraestructuras y los servicios que proporciona el Consorcio Madroño al personal investigador de las universidades que lo integran. - Compartir experiencias del personal investigador en la gestión de datos de investigación y sus expectativas e inquietudes en relación con los nuevos modelos de evaluación de la investigación. Slides: https://doi.org/10.5281/zenodo.13971474 Web: https://www.consorciomadrono.es/jornada-madrono-datos-de-investigacion-experiencias-retos-y-oportunidades-ante-la-reforma-de-la-evaluacion-de-la-investigacion/
Hours of teaching: 1   **Teaching language:** Spanish
Teaching date: 24/10/2024

2   **Type of event:** Seminar
Name of the event: Querying Wikidata: All the Knowledge in the World
Organising entity: Dublin Core
Aims of the course: Knowledge Graphs have become a common asset for representing world knowledge in data driven models and applications. Wikidata is one of the largest crowdsourced Knowledge Graphs, with over 90 million entities and 1.5 billion edges. In this webinar, participants will learn how heterogeneous facts are represented in Wikidata, and how to retrieve them by using standard query languages and tools designed by the Wikidata community. The audience will learn about: 1) The Wikidata data model, 2) The features of the Wikidata SPARQL endpoint and tooling; and 3) Query examples to retrieve qualifiers, references, rankings and deprecated statements in Wikidata. URL: https://www.dublincore.org/webinars/2022/09-15_querying-wikidata/
Teaching language: English
Teaching date: 15/09/2022

3   **Type of event:** Seminar
Name of the event: KGTK: Tools for Creating and Exploiting Large Knowledge Graphs
Organising entity: Knowledge Graph Conference
Aims of the course: The KGTK tutorial will introduce the full suite of commands available in KGTK, including parsers for popular existing KG formats, commands that curate or transform existing graphs, its query language Kypher (an adaptation of Cypher), commands for graph analytics, and computation of embeddings. We will introduce the commands in hands-on sessions, allowing participants to execute along in Colab notebooks. In addition, we will introduce a range of use cases that rely on KGTK in order to compute similarity of nodes, enrich Wikidata with additional knowledge from CSV files or LOD, perform knowledge graph profiling, analyze graph networks, and analyze the quality of Wikidata. The use cases will be associated with their underlying code in KGTK, and a subset of the use cases will be run live in hands-on sessions. URL: https://usc-isi-i2.github.io/kgtk-tutorial-kgc-2022/
Hours of teaching: 3   **Teaching language:** English
Teaching date: 02/05/2022

4   **Type of event:** Seminar
Name of the event: KGTK: Tools for Creating and Exploiting Large Knowledge Graphs
Organising entity: The Web Conference
Aims of the course: The KGTK tutorial will introduce the full suite of commands available in KGTK, including parsers for popular existing KG formats, commands that curate or transform existing graphs, its query language Kypher (an adaptation of Cypher), commands for graph analytics, and computation of embeddings. We will introduce the commands in hands-on sessions, allowing participants to execute along in Colab notebooks. In addition, we will introduce a range of use cases that rely on KGTK in order to compute similarity of nodes, enrich Wikidata with additional knowledge from CSV files or LOD, perform knowledge graph profiling, analyze graph networks, and analyze the quality of Wikidata. The use cases will be associated with their underlying code in KGTK, and a subset of the use cases will be run live in hands-on sessions. URL: https://usc-isi-i2.github.io/kgtk-tutorial-www-2022/
Hours of teaching: 3
Teaching date: 25/04/2022

5   **Type of event:** Seminar
Name of the event: KGTK: Tools for Creating and Exploiting Large Knowledge Graphs
Organising entity: International Semantic Web Conference
Aims of the course: The KGTK tutorial will introduce the full suite of commands available in KGTK, including parsers for popular existing KG formats, commands that curate or transform existing graphs, its query language Kypher (an adaptation of Cypher), commands for graph analytics, and computation of embeddings. We will introduce the commands in hands-on sessions, allowing participants to execute along in Colab notebooks. In addition, we will introduce a range of use cases that rely on KGTK in order to compute similarity of nodes, enrich Wikidata with additional knowledge from CSV files or LOD, perform knowledge graph profiling, analyze graph networks, and analyze the quality of Wikidata. The use cases will be associated with their underlying code in KGTK, and a subset of the use cases will be run live in hands-on sessions. URL: https://usc-isi-i2.github.io/kgtk-tutorial-iswc-2021/#about
Hours of teaching: 3   **Teaching language:** English
Teaching date: 24/10/2021

6   **Type of event:** Conference

Name of the event: Linking, Extending, Exploiting and Enhancing Tabular Data with Wikidata

Organising entity: University of Southern California   **Type of entity:** University

Aims of the course: Knowledge graphs have become a common asset for representing world knowledge in data driven models and applications. In this tutorial participants will learn how to integrate, link and extend tabular data using Wikidata, a crowdsourced knowledge graph with over 60 million entities and a lively community of curators. The first part of the tutorial presents an overview of Wikidata, its data model and its query and update APIs. The second part presents tools to link tabular datasets to Wikidata, to augment them using Wikidata, to extend Wikidata with new data and to query and visualize the extended Wikidata knowledge graph. URL: https://knowledgecaptureanddiscovery.github.io/Tutorials/T2WML-K-CAP2019/ Program: https://www.k-cap.org/2019/main-conference/index.html

Hours of teaching: 3   **Teaching language:** English

Teaching date: 19/11/2019

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7   **Type of event:** Seminar

Name of the event: The Scientific Paper of the Future

Organising entity: Universidad Pontificia Bolivariana

Aims of the course: The Scientific Papers of the Future (SPF) is an initiative to encourage scientists to publish papers together with the associated digital products of their research. This means that a paper would include: 1) Documentation of datasets, including descriptions, unique identifiers, and availability in public repositories; 2) Documentation of software, including pre-processing of data and visualization steps, described with metadata and with unique identifiers and pointers to public code repositories; 3) Documentation of the provenance and workflow for each figure or result. Materials: http://doi.org/10.5281/zenodo.159206 Event details: https://scientificpaperofthefuture.org/events.html

Hours of teaching: 3   **Teaching language:** English

Teaching date: 26/09/2018

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8   **Type of event:** Seminar

Name of the event: The Scientific Paper of the Future for Environmental Research

Organising entity: University of New Mexico

Aims of the course: The Scientific Papers of the Future (SPF) is an initiative to encourage scientists to publish papers together with the associated digital products of their research. This means that a paper would include: 1) Documentation of datasets, including descriptions, unique identifiers, and availability in public repositories; 2) Documentation of software, including pre-processing of data and visualization steps, described with metadata and with unique identifiers and pointers to public code repositories; 3) Documentation of the provenance and workflow for each figure or result. Materials: http://doi.org/10.5281/zenodo.159206 Event details: https://scientificpaperofthefuture.org/events.html

Hours of teaching: 3   **Teaching language:** English

Teaching date: 12/06/2018

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9   **Type of event:** Seminar

Name of the event: The Scientific Paper of the Future for Environmental Research

Organising entity: University of Southern California

Aims of the course: The Scientific Papers of the Future (SPF) is an initiative to encourage scientists to publish papers together with the associated digital products of their research. This means that a paper would include: 1) Documentation of datasets, including descriptions, unique identifiers, and availability in public repositories; 2) Documentation of software, including pre-processing of data and visualization steps, described with metadata and with unique identifiers and pointers to public code repositories; 3) Documentation of the provenance and workflow for each figure or result. Materials: http://doi.org/10.5281/zenodo.159206 Event details: https://scientificpaperofthefuture.org/events.html

Hours of teaching: 3   **Teaching language:** English

Teaching date: 12/04/2018

10   **Type of event:** Seminar
Name of the event: The Scientific Paper of the Future
Organising entity: University of Southern California
Aims of the course: The Scientific Papers of the Future (SPF) is an initiative to encourage scientists to publish papers together with the associated digital products of their research. This means that a paper would include: 1) Documentation of datasets, including descriptions, unique identifiers, and availability in public repositories; 2) Documentation of software, including pre-processing of data and visualization steps, described with metadata and with unique identifiers and pointers to public code repositories; 3) Documentation of the provenance and workflow for each figure or result. Materials: http://doi.org/10.5281/zenodo.159206 Event details: https://scientificpaperofthefuture.org/events.html

Hours of teaching: 3   **Teaching language:** English
Teaching date: 06/04/2018

11   **Type of event:** Seminar
Name of the event: The Scientific Paper of the Future for Environmental Research
Organising entity: University of Southern California
Aims of the course: The Scientific Papers of the Future (SPF) is an initiative to encourage scientists to publish papers together with the associated digital products of their research. This means that a paper would include: 1) Documentation of datasets, including descriptions, unique identifiers, and availability in public repositories; 2) Documentation of software, including pre-processing of data and visualization steps, described with metadata and with unique identifiers and pointers to public code repositories; 3) Documentation of the provenance and workflow for each figure or result. Materials: http://doi.org/10.5281/zenodo.159206 Event details: https://scientificpaperofthefuture.org/events.html

Hours of teaching: 3   **Teaching language:** English
Teaching date: 15/02/2018

12   **Type of event:** Seminar
Name of the event: Semantic Web and Ontologies: a Brief Introduction
Organising entity: University of Texas at Austin   **Type of entity:** University
Teaching date: 2018

13   **Type of event:** Seminar
Name of the event: The Scientific Paper of the Future
Organising entity: University of Southern California
Aims of the course: The Scientific Papers of the Future (SPF) is an initiative to encourage scientists to publish papers together with the associated digital products of their research. This means that a paper would include: 1) Documentation of datasets, including descriptions, unique identifiers, and availability in public repositories; 2) Documentation of software, including pre-processing of data and visualization steps, described with metadata and with unique identifiers and pointers to public code repositories; 3) Documentation of the provenance and workflow for each figure or result. Materials: http://doi.org/10.5281/zenodo.159206 Event details: https://scientificpaperofthefuture.org/events.html

Hours of teaching: 3   **Teaching language:** English
Teaching date: 31/08/2017

14   **Type of event:** Tutorial
Name of the event: The Scientific Paper of the Future
City organizing entity: San Francisco, United States of America
Organising entity: AAAI
Aims of the course: This tutorial covers best practices in reproducible research, open science, and digital scholarship that help researchers increase citations for their papers, get credit for all their research products, augment their vitae with data and software that they have written, write compelling data management plans for funding proposals, comply with new funder and journal requirements, and practice open and reproducible science. We begin with a motivation for authors through an overview of why scientists, publishers, funders, and the public care about science practices. Next, we describe how to make research data accessible through publication in a public repository, including metadata, a

license for reuse, and citable using a unique and persistent identifier. We then show how to make software accessible by making it available in a public repository, with a license, and a unique and citable persistent identifier. We also cover how to document in a software registry key information that helps others reuse research software. We then discuss how to document provenance and methods by explicitly describing related computations and outcomes in a workflow sketch, a formal workflow, or a provenance record, possibly with a persistent identifier. Finally, we provide a summary checklist for authors, and show how to manage their scholarly identity, reputation, and impact throughout their careers.

Hours of teaching: 4   **Teaching language:** English

Teaching date: 04/02/2017

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15   **Type of event:** Seminar

Name of the event: The Scientific Paper of the Future

Organising entity: Stanford University   **Type of entity:** University

Aims of the course: The Scientific Papers of the Future (SPF) is an initiative to encourage scientists to publish papers together with the associated digital products of their research. This means that a paper would include: 1) Documentation of datasets, including descriptions, unique identifiers, and availability in public repositories; 2) Documentation of software, including pre-processing of data and visualization steps, described with metadata and with unique identifiers and pointers to public code repositories; 3) Documentation of the provenance and workflow for each figure or result. Materials: http://doi.org/10.5281/zenodo.159206 Event details: https://scientificpaperofthefuture.org/events.html

Hours of teaching: 3   **Teaching language:** English

Teaching date: 03/10/2016

DOI: http://doi.org/10.5281/zenodo.159206

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16   **Type of event:** Conference

Name of the event: PROV-O: The W3C Provenance Ontology Tutorial

City organizing entity: Lisbon, Portugal

Organising entity: Dublin Core

Aims of the course: Provenance is key for describing the evolution of a resource, the entity responsible for its changes and how these changes affect its final state. A proper description of the provenance of a resource shows who has its attribution and can help resolving whether it can be trusted or not. This tutorial will provide an overview of the W3C PROV data model and its serialization as an OWL ontology. The tutorial will incrementally explain the features of the PROV data model, from the core starting terms to the most complex concepts. Finally, the tutorial will show the relation between PROV-O and the Dublin Core Metadata terms. URL: https://dcevents.dublincore.org/index.php/IntConf/index/pages/view/tutorials-2013.html Slides: https://www.slideshare.net/slideshow/provo-tutorial-dc2013-conference/25723146

Hours of teaching: 3   **Teaching language:** English

Teaching date: 09/2013

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17   **Type of event:** Conference

Name of the event: From Preserving Data to Preserving Context (Tutorial)

City organizing entity: Malta,

Organising entity: Theory and Practice of Digital Libraries (TPDL)

Aims of the course: In the domain of eScience, investigations are increasingly collaborative. Most scientific and engineering domains benefit from building on the outputs of other research: by sharing information to reason over and data to incorporate in the modeling task at hand. This raises the need for preserving and sharing entire eScience workflows and processes for later reuse. We need to define which information is to be collected, create means to preserve it and approaches to enable and validate the re-execution of a preserved process. This includes and goes beyond preserving the data used in the experiments, as the process underlying its creation and use is essential. The TIMBUS project and Wf4Ever project team up for this half-day tutorial to provide an introduction to the problem domain and discuss solutions for the curation of eScience processes. Workshop proposal: http://ipres2013.sysresearch.org/t2_5-Tutorial%20-%20Proposal%20-%20Process%20Preservation.pdf

Hours of teaching: 1   **Teaching language:** English

Teaching date: 2013

Materials and other teaching or educational publications.

Michael Guerzhoy; Marion Neumann; Emmanuel Johnson; David Johnson; Henry Chai; Daniel Garijo; Zhuoyue Lyu; Christopher J MacLellan. EAAI-22 Blue Sky Ideas in Artificial Intelligence Education from the AAAI/ACM SIGAI New and Future AI Educator Program, AI Matters. 8 - 2, pp. 16 - 21. ACM. 23/11/2022.
Name of the materials: EAAI-22 Blue Sky Ideas in Artificial Intelligence Education from the AAAI/ACM SIGAI New and Future AI Educator Program
Format: Article(s)
Corresponding author: No

Participation in innovative teaching projects

1 **Project title:** Mastering Ontology development: A practical approach MOOC
Type of participation: Team member
Funding entity: Universidad Politécnica de Madrid   **Type of entity:** University
Start-End date: 03/06/2024 - 14/07/2024

2 **Project title:** Mastering Ontology development: A practical approach MOOC
Type of participation: Team member
Funding entity: Universidad Politécnica de Madrid   **Type of entity:** University
Start-End date: 05/02/2024 - 17/03/2024

3 **Project title:** Mastering Ontology development: A practical approach MOOC
Type of participation: Team member
Funding entity: Universidad Politécnica de Madrid   **Type of entity:** University
Start-End date: 09/10/2023 - 19/11/2023

4 **Project title:** European Engineering Learning Innovation and Science Alliance (EELISA)
Type of participation: Team member
Contribution to the project: I participated in the EELISA Green planet community https://eelisa.eu/project/green-planet/ supervising students to aid creating Research Objects for different projects.
Time of working relationship: For a limited time
Funding entity: Comisión Europea   **Type of entity:** Comisión Europea
Start-End date: 01/11/2020 - 31/10/2023

5 **Project title:** Mastering Ontology development: A practical approach MOOC
Type of participation: Team member
Funding entity: Universidad Politécnica de Madrid   **Type of entity:** University
Start-End date: 01/06/2023 - 12/07/2023

6 **Project title:** Mastering Ontology development: A practical approach MOOC
Type of participation: Team member
Funding entity: Universidad Politécnica de Madrid   **Type of entity:** University
Start-End date: 16/01/2023 - 26/02/2023

7 **Project title:** Desarrollo y evaluación de un entorno interactivo online orientado al aprendizaje de técnicas para la generación de grafos de conocimiento
Type of participation: Team member

Contribution to the project: El presente Proyecto de Innovación Educativa (PIE) tiene como objetivo desarrollar un entorno interactivo online que ofrece tutoriales y ejercicios para enseñar las técnicas utilizadas en la generación de grafos de conocimiento. Además, el presente PIE persigue evaluar el uso de dicho entorno interactivo, así como su impacto en el proceso de aprendizaje del alumnado. URL: https://innovacioneducativa.upm.es/proyectos-ie/informacion?anyo=2022-2023&id=788

Time of working relationship: For a limited time
Funding entity: Universidad Politécnica de Madrid   **Type of entity:** University
Start-End date: 2022 - 2023

8 **Project title:** Mastering Ontology development: A practical approach MOOC
Type of participation: Team member
Funding entity: Universidad Politécnica de Madrid   **Type of entity:** University
Start-End date: 19/09/2022 - 30/10/2022

Other activities/achievements not included above

1 **Description of the activity:** Organizer of the 2022 Spanish Summer of Code edition
Organising entity: Universidad Politécnica de Madrid   **Type of entity:** University
End date: 31/07/2022

2 **Description of the activity:** Research Experiences for Undergraduates program
Organising entity: National Sciences Foundation   **Type of entity:** Public Research Body
End date: 01/09/2019

3 **Description of the activity:** Jury of masther thesis: Reproducibility of Computational Environments for Scientific Experiments Using Container-Based Virtualization
Organising entity: Universidad Tecnica Federico de   **Type of entity:** University
Santa Maria
End date: 12/2018

4 **Description of the activity:** Student mentoring: CSCI401
Organising entity: University of Southern California   **Type of entity:** University
End date: 2018

5 **Description of the activity:** Summer interns: Student supervision and mentoring
Organising entity: Information Sciences Institute   **Type of entity:** University Research Institute
End date: 2018

6 **Description of the activity:** Student mentoring: CSCI 401
Organising entity: University of Southern California   **Type of entity:** University
End date: 2017

7 **Description of the activity:** Summer interns: Student supervision and mentoring
Organising entity: Information Sciences Institute   **Type of entity:** University Research Institute
End date: 2017

Plurality, interdisciplinarity and teaching complexity

My teaching activities focus in the area of Data Science, Open Science, Knowledge Capture, Knowledge Representation and Software Engineering. I detail each of these activities below:

Data Science: At the University of Southern California, I taught courses on how to complete Data Science projects to undergraduate students. These included a practical assignment where they had to deliver a full project.

Open Science: Over my career I have taught seminars at some of the best Universities of the United States (Stanford, Texas, California) and Europe (UK, Madrid) about following Open Science best practices for research outputs. These courses range from 90 minute presentations to week long seminars to discuss best practices in a hands-on approach. Attendees range from undergraduate students to postdocs and early career scientists.

Knowledge Capture and Representation: at Universidad Politécnica de Madrid I teach courses on data integration and knowledge representation using ontologies and knowledge graphs. Students learn how to best represent their data, and the complexities of data modeling in the real world.

Software Engineering: at Universidad Politécnica de Madrid, I teach a course on Software Engineering and AI while following Open Science best practices. Students carry out a complex software engineering project based on the latest AI methods while following the best practices for Open Science recommended by the community. As a result, they learn about the benefits, challenges and gaps that scientists have to face every day.

Scientific and technological experience

Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

1   **Name of the project:** FAIR2Adapt: FAIR to Adapt to Climate Change
Entity where project took place: Universidad Politécnica de Madrid   **Type of entity:** University
Name principal investigator (PI, Co-PI....): Oscar Corcho
Start-End date: 01/01/2025 - 31/12/2027
Total amount: 475.000 €

2   **Name of the project:** SOEL: Asistentes para ingeniería ontológica basados en modelos de lenguaje
Type of project: Research and development, including transfer
Entity where project took place: Universidad Politécnica de Madrid   **Type of entity:** University

Name principal investigator (PI, Co-PI....): María Poveda Villalón; Daniel Garijo Verdejo
Start-End date: 01/10/2024 - 30/09/2027
Total amount: 184.125 €

3   **Name of the project:** EVERSE: European Virtual Institute for Research Software Excellence
Type of project: Research and development, including transfer
Entity where project took place: Universidad Politécnica de Madrid   **Type of entity:** University
Name principal investigator (PI, Co-PI....): Oscar Corcho García
Start-End date: 01/03/2024 - 01/03/2027   **Duration:** 3 years
Total amount: 337.500 €

4   **Name of the project:** OSTrails: Open Science Plan-Track-Assess Pathways
Entity where project took place: Universidad Politécnica de Madrid   **Type of entity:** University
Start-End date: 01/02/2024 - 01/02/2027
Total amount: 115.000 €

5   **Name of the project:** CodeMetaSoft
Entity where project took place: Universidad Politécnica de Madrid   **Type of entity:** University
Name principal investigator (PI, Co-PI....): Daniel Garijo Verdejo
Start-End date: 01/11/2024 - 01/11/2026
Total amount: 250.000 €

6   **Name of the project:** INESData: Infraestructura para la Investigación de Espacios de Datos distribuidos en UPM
Entity where project took place: Universidad Politécnica de Madrid   **Type of entity:** University
Start-End date: 01/01/2023 - 30/06/2025

7   **Name of the project:** FAIR-IMPACT
Entity where project took place: Universidad Politécnica de Madrid   **Type of entity:** University
Name principal investigator (PI, Co-PI....): Oscar Corcho García
Nº of researchers: 3
Start-End date: 01/06/2022 - 31/05/2025
Total amount: 333.125 €

8   **Name of the project:** SolChem 5.0: Hacia una transición digital en Química Solar. Ciencia Abierta e Inteligencia Artificial
Entity where project took place: Universidad Politécnica de Madrid   **Type of entity:** University
City of entity: Spain
Name principal investigator (PI, Co-PI....): Oscar Corcho
Start-End date: 01/12/2022 - 30/11/2024

9   **Name of the project:** AYUDAS PARA LA REALIZACION DE PROYECTOS DE I+D PARA JOVENES INVESTIGADORES (CREACIÓN DE UN OBSERVATORIO DE BUENAS PRÁCTICAS PARA EL ANÁLISIS Y ENLAZADO DE SOFTWARE CIENTÍFICO)
Entity where project took place: Universidad Politécnica de Madrid   **Type of entity:** University

Name principal investigator (PI, Co-PI....): Daniel Garijo Verdejo
Nº of researchers: 1
Start-End date: 01/07/2022 - 30/06/2024
Total amount: 40.000 €

10 **Name of the project:** Towards a Research Software Understanding Framework for Open Science
Entity where project took place: Universidad Politécnica de Madrid   **Type of entity:** University
Name principal investigator (PI, Co-PI....): Daniel Garijo Verdejo
Start-End date: 01/12/2022 - 31/12/2023
Total amount: 88.856 €

11 **Name of the project:** Accelerating Scientific workflowS using EarthCube Technologies (ASSET)
Entity where project took place: Information Sciences Institute
City of entity: Los Angeles, United States of America
Funding entity or bodies:
National Science Foundation
City funding entity: United States of America

Start date: 2018

12 **Name of the project:** Accelerating Scientific workflowS using EarthCube Technologies (ASSET)
Entity where project took place: Information Sciences Institute   **Type of entity:** University Research Institute
City of entity: Los Angeles, United States of America
Funding entity or bodies:
National Science Foundation   **Type of entity:** State agency
City funding entity: United States of America

Start date: 2018

13 **Name of the project:** Model Integration (MINT)
Entity where project took place: Information Sciences Institute   **Type of entity:** University Research Institute
City of entity: Los Angeles, United States of America
Funding entity or bodies:
DARPA   **Type of entity:** State agency
City funding entity: Washington, United States of America

Start date: 2018

14 **Name of the project:** Data Scientist in a Box (DS-Box)
Entity where project took place: Information Sciences Institute   **Type of entity:** University Research Institute
City of entity: Los Angeles, United States of America
Funding entity or bodies:
DARPA   **Type of entity:** State agency
City funding entity: United States of America

Start date: 01/09/2017

15 | **Name of the project:** DISK: Automated DIscovery of Scientific Knowledge

Entity where project took place: Information Sciences Institute

Type of entity: University Research Institute

City of entity: Los Angeles, United States of America

Funding entity or bodies:

National Science Foundation

Type of entity: State agency

City funding entity: United States of America

Start date: 01/02/2016

16 | **Name of the project:** Linked Earth

Entity where project took place: Information Sciences Institute

Type of entity: University Research Institute

City of entity: Los Angeles, United States of America

Funding entity or bodies:

National Sciences Foundation

City funding entity: United States of America

Start date: 01/02/2016

17 | **Name of the project:** OntoSoft

Entity where project took place: Information Sciences Institute

Type of entity: University Research Institute

City of entity: Los Angeles, United States of America

Funding entity or bodies:

National Sciences Foundation

Type of entity: State agency

City funding entity: United States of America

Start date: 02/01/2016

18 | **Name of the project:** Otalex

Entity where project took place: Universidad Politécnica de Madrid

Type of entity: University

City of entity: Madrid, Community of Madrid, Spain

Start date: 15/12/2015

19 | **Name of the project:** Wf4Ever

Entity where project took place: Universidad Politécnica de Madrid

Type of entity: University

City of entity: Madrid, Community of Madrid, Spain

Funding entity or bodies:

European Union

Start date: 01/12/2010

20 | **Name of the project:** Web N+1

Entity where project took place: Universidad Politécnica de Madrid

Type of entity: University

City of entity: Madrid, Community of Madrid, Spain

Start date: 04/01/2009

R&D non-competitive contracts, agreements or projects with public or private entities

1   **Name of the project:** DESARROLLO DE UNA HERRAMIENTA PARA EXTENDER LAS ENTIDADES DE WIKIDATA IMPORTADAS EN EL WIKIBASE DE ATRESMEDIA
Degree of contribution: Coordinator of total project, network or consortium
Name principal investigator (PI, Co-PI....): Daniel Garijo Verdejo
Funding entity or bodies:
Atresmedia

Start date: 01/01/2024
Total amount: 6.150 €

2   **Name of the project:** INTEGRAR LA ESTRUCTURA Y LA CARGA INICIALDE LA ONTOLOGÍA DE ATRESMEDIA EN EL MODELO DE DATOS Y EN EL BUSCADOR DE NUESTRO SOFTWARE DE GESTIÓN DOCUMENTAL , GAMA
Degree of contribution: Coordinator of total project, network or consortium
Name principal investigator (PI, Co-PI....): Daniel Garijo Verdejo
Nº of researchers: 2
Funding entity or bodies:
Atresmedia   **Type of entity:** Business

Start date: 12/09/2022
Total amount: 7.500 €

Results

Industrial and intellectual property

1   **Title registered industrial property:** vocab.linkeddata
Inventors/authors/obtainers: Daniel Garijo Verdejo; María Poveda Villalón; Oscar Corcho García; Asunción Gómez Pérez
Entity holder of rights: Universidad Politécnica de Madrid
Nº of application: M-002677/2021
Country of inscription: Spain, Community of Madrid
Date of register: 17/09/2021
Operating aut.region/region: Spain

2   **Title registered industrial property:** WIDOCO: A WIzard for DOCumenting Ontologies
Inventors/authors/obtainers: Daniel Garijo Verdejo
Entity holder of rights: Universidad Politécnica de Madrid
Nº of application: M-002676/2021
Country of inscription: Spain
Date of register: 16/09/2021
Operating aut.region/region: Spain

3   **Title registered industrial property:** OnToology
Inventors/authors/obtainers: Ahmad Alobaid; Daniel Garijo; Maria Poveda Villalon; Idafen Santana Perez; Oscar Corcho
Entity holder of rights: Universidad Politécnica de Madrid

Nº of application: M-001103/2020
Country of inscription: Spain, Community of Madrid
Date of register: 2019

Scientific and technological activities

Scientific production

1 **H index:** 33
Date of application: 03/12/2024
Source of H-Index: GOOGLE SCHOLAR

2 **H index:** 23
Date of application: 03/12/2024
Source of H-Index: SCOPUS

Publications, scientific and technical documents

1 Simone Leo; Michael R. Crusoe; Laura Rodríguez Navas; Raül Sirvent; Alexander Kanitz; Paul De Geest; Rudolf Wittner; Luca Pireddu; Daniel Garijo; Jose M. Fernández; Iacopo Colonnelli; Matej Gallo; Tazro Ohta; Hirotaka Suetake; Salvador Capella-Gutierrez; Renske de Wit; Bruno P. Kinoshita; Stian Soiland-Reyes. Recording provenance of workflow runs with RO-Crate. PLOS ONE. 19 - 9, pp. 1 - 35. Public Library of Science, 10/09/2024. Available on-line at: <https://doi.org/10.1371/journal.pone.0309210>.
DOI: 10.1371/journal.pone.0309210

Type of production: Scientific paper	**Format:** Journal
Position of signature: 9	**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 18	**Corresponding author:** No
Impact source: ISI	**Category:** Science Edition - MULTIDISCIPLINARY SCIENCES
Impact index in year of publication: 2.9 (Q1)	**Journal in the top 25%:** Yes
Position of publication: 32	**No. of journals in the cat.:** 134
Source of citations: Google Scholar	**Citations:** 7
Relevant publication: Yes	

2 Daniel Garijo; Hervé Ménager; Lorraine Hwang; Ana Trisovic; Michael Hucka; Thomas Morrell; Alice Allen; Task Force on Best Practices for Software Registri; SciCodes Consortium. Nine best practices for research software registries and repositories. PeerJ Computer Science. 8, pp. e1023 - e1023. 08/2022. Available on-line at: <https://doi.org/10.7717/peerj-cs.1023>. ISSN 2376-5992
DOI: 10.7717/peerj-cs.1023

Type of production: Scientific paper	**Format:** Journal
Position of signature: 1	**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 9	**Corresponding author:** Yes
Impact source: ISI	**Category:** Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE
Impact index in year of publication: 3.8	**Journal in the top 25%:** No
Position of publication: 72	**No. of journals in the cat.:** 145

Source of citations: Google Scholar   **Citations:** 10

Relevant publication: Yes

3   Aidan Kelley; Daniel Garijo Verdejo. A framework for creating knowledge graphs of scientific software metadata. Quantitative Science Studies. 2 - 4, pp. 1423 - 1446. 01/01/2022. Available on-line at: <https://doi.org/10.1162/qss_a_00167>. ISSN 2641-3337
DOI: 10.1162/qss_a_00167
Type of production: Scientific paper   **Format:** Journal
Position of signature: 2   **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 2
Source of citations: Google Scholar   **Citations:** 33

Relevant publication: Yes

4   Carole Goble; Sarah Chohen-Boulaki; Stian Soiland-reyes; Daniel Garijo; Yolanda Gil; Michael R. Crusoe; Kristian Peters; Daniel Schober. FAIR Computational Workflows. Data Intelligence. 2 - 1-2, pp. 108 - 121. MIT Press Journals, 06/07/2019. Available on-line at: <https://doi.org/10.1162/dint_a_00033>.
DOI: 10.1162/dint_a_00033
Type of production: Scientific paper   **Format:** Journal
Position of signature: 4   **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 8   **Corresponding author:** No
Source of citations: Google Scholar   **Citations:** 175

Relevant publication: Yes

5   Khalid Belhajjame; Jun Zhao; Daniel Garijo; Matthew Gamble; Kristina Hettne; Raul Palma; Eleni Mina; Oscar Corcho; Jose Manuel Gomez-Perez; Sean Bechhofer; others. Using a suite of ontologies for preserving workflow-centric research objects. Web Semantics: Science, Services and Agents on the World Wide Web. 32, pp. 16 - 42. Elsevier, 2015. Available on-line at: <https://doi.org/10.1016/j.websem.2015.01.003>.
DOI: 10.1016/j.websem.2015.01.003
Type of production: Scientific paper   **Format:** Journal
Impact source: ISI   **Category:** Science Edition - COMPUTER SCIENCE, SOFTWARE ENGINEERING

Impact index in year of publication: 1.27 (Q2)
Position of publication: 34   **No. of journals in the cat.:** 106

Source of citations: Google Scholar   **Citations:** 177

Relevant publication: Yes

6   Daniel Garijo; María Poveda-Villalón. Best Practices for Implementing FAIR Vocabularies and Ontologies on the Web. Applications and Practices in Ontology Design, Extraction, and Reasoning. 49, pp. 39 - 54. IOS Press, 12/02/2020. Available on-line at: <https://ebooks.iospress.nl/volumearticle/56005>. ISBN 978-1-64368-143-6
Type of production: Book chapter   **Format:** Book
Position of signature: 1   **Degree of contribution:** Author or co-author of chapter in book

Total no. authors: 2
Source of citations: Google Scholar   **Citations:** 73

Relevant publication: Yes

7 Julian Arenas-Guerrero; Ana Iglesias-Molina; David Chaves-Fraga; Daniel Garijo; Oscar Corcho; Anastasia Dimou. Morph-KGC^{star}: declarative generation of RDF-star graphs from heterogeneous data. Semantic Web Journal. 24, pp. 1 - 19. IOS Press, 2024. Available on-line at: <https://www.semantic-web-journal.net/content/declarative-generation-rdf-star-datasets-heterogeneous-data>.

Type of production: Scientific paper	**Format:** Journal
Position of signature: 4	**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 6	
Impact source: ISI	**Category:** Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE
Impact index in year of publication: 3 (Q2)	**Journal in the top 25%:** No
Position of publication: 92	**No. of journals in the cat.:** 197
Source of citations: Google Scholar	**Citations:** 9

8 Rafael Ferreira da Silva; Deborah Bard; Kyle Chard; de Witt Shaun; Ian T. Foster; Tom Gibbs; Carole Goble; William Godoy; Johan Gustafsson; Utz-Uwe Haus; Stephen Hudson; Shantenu Jha; Laila Los; Drew Paine; Frédéric Suter; Logan Ward; Sean Wilkinson; Marcos Amaris; Yadu Babuji; Jonathan Bader; Riccardo Balin; Daniel Balouek; Sarah Beecroft; Khalid Belhajjame; Rajat Bhattarai; Wes Brewer; Paul Brunk; Silvina Caino-Lores; Henri Casanova; Daniela Cassol; Jared Coleman; Taina Coleman; Iacopo Colonnelli; Anderson Andrei Da Silva; Daniel de Oliveira; Pascal Elahi; Nour Elfaramawy; Wael Elwasif; Brian Etz; Thomas Fahringer; Wesley Ferreira; Rosa Filgueira; Jacob Fosso Tande; Luiz Gadelha; Andy Gallo; Daniel Garijo; Yiannis Georgiou; Philipp Gritsch; Patricia Grubel; Amal Gueroudji; Quentin Guilloteau; Carlo Hamalainen; Rolando Hong Enriquez; Lauren Huet; Kevin Hunter Kesling; Paula Iborra; Shiva Jahangiri; Jan Janssen; Joe Jordan; Sehrish Kanwal; Liliane Kunstmann; Fabian Lehmann; Ulf Leser; Chen Li; Peini Liu; Jakob Luettgau; Richard Lupat; Jose M. Fernandez; Ketan Maheshwari; Tanu Malik; Jack Marquez; Motohiko Matsuda; Doriana Medic; Somayeh Mohammadi; Alberto Mulone; John-Luke Navarro; Kin Wai Ng; Klaus Noelp; Bruno P. Kinoshita; Ryan Prout; Michael R. Crusoe; Sashko Ristov; Stefan Robila; Daniel Rosendo; Billy Rowell; Jedrzej Rybicki; Hector Sanchez; Nishant Saurabh; Sumit Kumar Saurav; Tom Scogland; Dinindu Senanayake; Woong Shin; Raul Sirvent; Tyler Skluzacek; Barry Sly-Delgado; Stian Soiland-Reyes; Abel Souza; Renan Souza; Domenico Talia; Nathan Tallent; Lauritz Thamsen; Mikhail Titov; Benjamin Tovar; Karan Vahi; Eric Vardar-Irrgang; Edite Vartina; Yuandou Wang; Merridee Wouters; Qi Yu; Ziad Al Bkhetan; Mahnoor Zulfiqar. Workflows Community Summit 2024: Future Trends and Challenges in Scientific Workflows. Zenodo, 2024. Available on-line at: <https://zenodo.org/doi/10.5281/zenodo.13844758>.

Type of production: Scientific paper

9 Timo Schaffhauser; Daniel Garijo; Maximiliano Osorio; Daniel Bittner; Suzanne Pierce; Hernán Vargas; Markus Disse; Yolanda Gil. A framework for the broad dissemination of hydrological models for non-expert users. Environmental Modelling & Software. pp. 105695 - 105695. 2023. Available on-line at: <https://doi.org/10.1016/j.envsoft.2023.105695>. ISSN 1364-8152

DOI: 10.1016/j.envsoft.2023.105695

Type of production: Scientific paper	**Format:** Journal
Position of signature: 2	**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 8	
Impact source: ISI	**Category:** Science Edition - COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS
Impact index in year of publication: 4.8 (Q1)	**Journal in the top 25%:** Yes
Position of publication: 33	**No. of journals in the cat.:** 170
Source of citations: Google Scholar	**Citations:** 2

10 Rafael Ferreira Da Silva; Rosa M. Badia; Venkat Bala; Debbie Bard; Peer-Timo Bremer; Ian Buckley; Silvina Caino-Lores; Kyle Chard; Carole Goble; Shantenu Jha; Daniel S. Katz; Daniel Laney; Manish Parashar; Frederic Suter; Nick Tyler; Thomas Uram; Ilkay Altintas; Stefan Andersson; William Arndt; Juan Aznar; Jonathan Bader;

Bartosz Balis; Chris Blanton; Kelly Rosa Braghetto; Aharon Brodutch; Paul Brunk; Henri Casanova; Alba Cervera Lierta; Justin Chigu; Taina Coleman; Nick Collier; Iacopo Colonnelli; Frederik Coppens; Michael Crusoe; Will Cunningham; Bruno Kinoshita; Paolo Di Tommaso; Charles Doutriaux; Matthew Downton; Wael Elwasif; Bjoern Enders; Chris Erdmann; Thomas Fahringer; Ludmilla Figueiredo; Rosa Filgueira; Martin Foltin; Anne Fouilloux; Luiz Gadelha; Andy Gallo; Artur Garcia Saez; Daniel Garijo; Roman Gerlach; Ryan Grant; Samuel Grayson; Patricia Grubel; Johan Gustafsson; Valerie Hayot-Sasson; Oscar Hernandez; Marcus Hilbrich; AnnMary Justine; Ian Laflotte; Fabian Lehmann; Andre Luckow; Jakob Luettgau; Ketan Maheshwari; Motohiko Matsuda; Doriana Medic; Pete Mendygral; Marek Michalewicz; Jorji Nonaka; Maciej Pawlik; Loic Pottier; Line Pouchard; Mathias Putz; Santosh Kumar Radha; Lavanya Ramakrishnan; Sashko Ristov; Paul Romano; Daniel Rosendo; Martin Ruefenacht; Katarzyna Rycerz; Nishant Saurabh; Volodymyr Savchenko; Martin Schulz; Christine Simpson; Raul Sirvent; Tyler Skluzacek; Stian Soiland-Reyes; Renan Souza; Sreenivas Rangan Sukumar; Ziheng Sun; Alan Sussman; Douglas Thain; Mikhail Titov; Benjamin Tovar; Aalap Tripathy; Matteo Turilli; Bartosz Tuznik; Hubertus Van Dam; Aurelio Vivas; Logan Ward; Patrick Widener; Sean Wilkinson; Justyna Zawalska; Mahnoor Zulfiqar. Workflows Community Summit 2022: A Roadmap Revolution. Zenodo, 2023. Available on-line at: <https://zenodo.org/record/7750670>.
Type of production: Scientific paper

11 Michael Guerzhoy; Marion Neumann; Emmanuel Johnson; David Johnson; Henry Chai; Daniel Garijo; Zhuoyue Lyu; Christopher J. MacLellan. EAAI-22 Blue Sky Ideas in Artificial Intelligence Education from the AAAI/ACM SIGAI New and Future AI Educator Program. AI Matters. 8 - 2, pp. 16 - 21. Association for Computing Machinery, 11/2022. Available on-line at: <https://doi.org/10.1145/3557785.3557789>.
DOI: 10.1145/3557785.3557789
Type of production: Scientific paper   **Format:** Journal
Position of signature: 6   **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 8

12 Kartik Shenoy; Filip Ilievsky; Daniel Schwabe; Daniel Garijo; Pedro Szekely. A Study of the Quality of Wikidata. Journal of Web Semantics. 100679, Elsevier, 04/01/2022. Available on-line at: <https://doi.org/10.1016/j.websem.2021.100679>. ISSN 1570-8268
DOI: 10.1016/j.websem.2021.100679.
Type of production: Scientific paper   **Format:** Journal
Position of signature: 3   **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 5
Impact source: ISI   **Category:** Artificial Intelligence
Impact index in year of publication: 1.897 (Q3)   **Journal in the top 25%:** No
Position of publication: 96   **No. of journals in the cat.:** 139

Source of citations: Google Scholar   **Citations:** 87

13 Stian Soiland-Reyes; Peter Sefton; Merce Crosas; Leyla Jael Castro; Frederik Coppens; Marc Portier; José María Fernández; Daniel Garijo; Bjorn Gruning; Marco La Rosa; Simone Leo; Eoghan O Carragain; Ana Trisovic; Paul Groth; Carole Goble. Packaging research artefacts with RO-Crate. Data Science. pp. 1 - 42. IOS Press, 04/01/2022. ISSN 2451-8484
DOI: 10.3233/DS-210053
Type of production: Scientific paper   **Format:** Journal
Position of signature: 7   **Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee

Total no. authors: 15
Source of citations: Google Scholar   **Citations:** 117

14 Maximiliano Osorio; Carlos Buil Aranda; Idafen Santana Perez; Daniel Garijo. DockerPedia: A Knowledge Graph of Software Images and Their Metadata. International Journal of Software Engineering and Knowledge Engineering. 32 - 1, pp. 71 - 89. World Scientific Publishing Company, 2022. ISSN 0218-1940

DOI: 10.1142/S0218194022500036

Type of production: Scientific paper

Format: Journal

Position of signature: 4

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 4

Impact source: ISI

Category: Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE

Impact index in year of publication: 0.9 (Q4)

Journal in the top 25%: No

Position of publication: 137

No. of journals in the cat.: 145

Source of citations: Google Scholar

Citations: 3

15 Maria Navas-Loro; Daniel Garijo; Oscar Corcho. Multi-label text classification for public procurement in spanish. Procesamiento del Lenguaje Natural. 69, pp. 73 - 82. 2022. Available on-line at: <http://journal.sepln.org/sepln/ojs/ojs/index.php/pln/article/view/6429>.

Type of production: Scientific paper

Format: Journal

Position of signature: 2

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 3

Source of citations: Google Scholar

Citations: 7

16 Yolanda Gil; Daniel Garijo; Deborah Khider; Craig A. Knoblock; Varun Ratnakar; Maximiliano Osorio; Hernán Vargas; Minh Pham; Jay Pujara; Basel Shbita; Binh Vu; Yao-Yi Chiang; Dan Feldman; Yijun Lin; Hayley Song; Vipin Kumar; Ankush Khandelwal; Michael Steinbach; Kshitij Tayal; Shaoming Xu; Suzanne A. Pierce; Lissa Pearson; Daniel Hardesty-Lewis; Ewa Deelman; Rafael Ferreira Da Silva; Rajiv Mayani; Armen R. Kemanian; Yuning Shi; Lorne Leonard; Scott Peckham; Maria Stoica; Kelly Cobourn; Zeya Zhang; Christopher Duffy; Lele Shu. Artificial Intelligence for Modeling Complex Systems: Taming the Complexity of Expert Models to Improve Decision Making. ACM Transactions on Interactive Intelligent Systems. 11 - 2, Association for Computing Machinery, 07/2021. Available on-line at: <https://dl.acm.org/doi/abs/10.1145/3453172>. ISSN 2160-6455

DOI: 10.1145/3453172

Type of production: Scientific paper

Format: Journal

Position of signature: 2

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 35

Impact source: ISI

Category: Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE

Impact index in year of publication: 1.88 (Q4)

Journal in the top 25%: No

Position of publication: 109

No. of journals in the cat.: 145

Source of citations: Google Scholar

Citations: 47

17 Paola Espinoza-Arias; Daniel Garijo; Oscar Corcho. Crossing the chasm between ontology engineering and application development: A survey. Journal of Web Semantics. 70, pp. 100655 - 100655. 2021. Available on-line at: <https://www.sciencedirect.com/science/article/pii/S1570826821000305>. ISSN 1570-8268

DOI: 10.1016/j.websem.2021.100655

Type of production: Scientific paper

Format: Journal

Position of signature: 2

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 3

Impact source: ISI

Impact index in year of publication: 1.897 (Q3)

Position of publication: 96

Source of citations: Google Scholar

Category: Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE

Journal in the top 25%: No

No. of journals in the cat.: 139

Citations: 14

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18 Daniel Garijo; Natalia Villanueva-Rosales; Tomi Kauppinen. Special issue on Semantic eScience: Methods, tools and applications. Semantic Web Journal. 11 - 5, pp. 731 - 733. IOS Press, 25/08/2020.
DOI: 10.3233/SW-200380

Type of production: Scientific paper

Degree of contribution: Editor or co-editor

Corresponding author: Yes

Impact source: ISI

Impact index in year of publication: 2.214 (Q2)

Position of publication: 36

Format: Journal

Category: Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE

Journal in the top 25%: No

No. of journals in the cat.: 110

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19 The genetic architecture of the human cerebral cortex. Science. 367 - 6484, 20/03/2020. Available on-line at: <https://doi.org/10.1126/science.aay6690>.
DOI: 10.1126/science.aay6690

Type of production: Scientific paper

Position of signature: 99

Total no. authors: 235

Impact source: ISI

Impact index in year of publication: 98.83(Q1)

Position of publication: 2

Source of citations: Google Scholar

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: No

Category: Science Edition - MULTIDISCIPLINARY SCIENCES

Journal in the top 25%: Yes

No. of journals in the cat.: 128

Citations: 688

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20 Paul M. Thompson; Neda Jahanshad; Christopher R. K. Ching; Lauren E. Salminen; Sophia I. Thomopoulos; Joanna Bright; Bernhard T. Baune; Sara Bertolín; Janita Bralten; Willem B. Bruin; Robin Bülow; Jian Chen; Yann Chye; Udo Dannlowski; Carolien G. F. de Kovel; Gary Donohoe; Lisa T. Eyler; Stephen V. Faraone; Pauline Favre; Courtney A. Filippi; Thomas Frodl; Daniel Garijo; Yolanda Gil; Hans J. Grabe; Katrina L. Grasby; Tomas Hajek; Laura K. M. Han; Sean N. Hatton; Kevin Hilbert; Tiffany C. Ho; Laurena Holleran; Georg Homuth; Norbert Hosten; Josselin Houenou; Iliyan Ivanov; Tianye Jia; Sinead Kelly; Marieke Klein; Jun Soo Kwon; Max A. Laansma; Jeanne Leerssen; Ulrike Lueken; Abraham Nunes; Joseph O' Neill; Nils Opel; Fabrizio Piras; Federica Piras; Merel C. Postema; Elena Pozzi; Natalia Shatokhina; Carles Soriano-Mas; Gianfranco Spalletta; Daqiang Sun; Alexander Teumer; Amanda K. Tilot; Leonardo Tozzi; Celia van der Merwe; Eus J. W. Van Someren; Guido A. van Wingen; Henry Völzke; Esther Walton; Lei Wang; Anderson M. Winkler; Katharina Wittfeld; Margaret J. Wright; Je-Yeon Yun; Guohao Zhang; Yanli Zhang-James; Bhim M. Adhikari; Ingrid Agartz; Moji Aghajani; André Aleman; Robert R. Althoff; Andre Altmann; Ole A. Andreassen; David A. Baron; Brenda L. Bartnik-Olson; Janna Marie Bas-Hoogendam; Arielle R. Baskin-Sommers; Carrie E. Bearden; Laura A. Berner; Premika S. W. Boedhoe; Rachel M. Brouwer; Jan K. Buitelaar; Karen Caeyenberghs; Charlotte A. M. Cecil; Ronald A. Cohen; James H. Cole; Patricia J. Conrod; Stephane A. De Brito; Sonja M. C. de Zwarte; Emily L. Dennis; Sylvane Desrivieres; Danai Dima; Stefan Ehrlich; Carrie Esopenko; Graeme Fairchild; Simon E. Fisher; Jean-Paul Fouche; Clyde Francks; Sophia Frangou; Barbara Franke; Hugh P. Garavan; David C. Glahn; Nynke A. Groenewold; Tiril P. Gurholt; Boris A. Gutman; Tim Hahn; Ian H. Harding; Dennis Hernaus; Derrek P. Hibar; Frank G. Hillary; Martine Hoogman; Hilleke E. Hulshoff Pol; Maria Jalbrzikowski; George A. Karkashadze; Eduard T. Klapwijk; Rebecca C. Knickmeyer; Peter Kochunov; Inga K. Koerte; Xiang-Zhen Kong; Sook-Lei Liew; Alexander P. Lin; Mark W. Logue; Eileen Luders; Fabio Macciardi; Scott Mackey; Andrew R. Mayer; Carrie R. McDonald; Agnes B. McMahon; Sarah E. Medland; Gemma Modinos; Rajendra A. Morey; Sven

C. Mueller; Pratik Mukherjee; Leyla Namazova-Baranova; Talia M. Nir; Alexander Olsen; Peristera Paschou; Daniel S. Pine; Fabrizio Pizzagalli; Miguel E. Rentería; Jonathan D. Rohrer; Philipp G. Sämann; Lianne Schmaal; Gunter Schumann; Mark S. Shiroishi; Sanjay M. Sisodiya; Dirk J. A. Smit; Ida E. Sønderby; Dan J. Stein; Jason L. Stein; Masoud Tahmasian; David F. Tate; Jessica A. Turner; Odile A. van den Heuvel; Nic J. A. van der Wee; Ysbrand D. van der Werf; Theo G. M. van Erp; Neeltje E. M. van Haren; Daan van Rooij; Laura S. van Velzen; Ilya M. Veer; Dick J. Veltman; Julio E. Villalon-Reina; Henrik Walter; Christopher D. Whelan; Elisabeth A. Wilde; Mojtaba Zarei; Vladimir Zelman. ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. Translational Psychiatry. 10 - 1, pp. 100 - 100. 20/12/2019. Available on-line at: <http://www.nature.com/articles/s41398-020-0705-1>. ISSN 2158-3188

Type of production: Scientific paper	**Format:** Journal
Position of signature: 22	**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 170

Impact source: ISI	**Category:** Cellular and Molecular Neuroscience
Impact index in year of publication: 5.182 (Q1)	**Journal in the top 25%:** Yes
Position of publication: 18	**No. of journals in the cat.:** 146
Source of citations: Google Scholar	**Citations:** 541

21   D. Khider; J. Emile-Geay; N. P. McKay; Y. Gil; D. Garijo; V. Ratnakar; M. Alonso-Garcia; S. Bertrand; O. Bothe; P. Brewer; A. Bunn; M. Chevalier; L. Comas-Bru; A. Csank; E. Dassié; K. DeLong; T. Felis; P. Francus; A. Frappier; W. Gray; S. Goring; L. Jonkers; M. Kahle; D. Kaufman; N. M. Kehrwald; B. Martrat; H. McGregor; J. Richey; A. Schmittner; N. Scroxton; E. Sutherland; K. Thirumalai; K. Allen; F. Arnaud; Y. Axford; T. Barrows; L. Bazin; S. E. Pilaar Birch; E. Bradley; J. Bregy; E. Capron; O. Cartapanis; H.-W. Chiang; K. M. Cobb; M. Debret; R. Dommain; J. Du; K. Dyez; S. Emerick; M. P. Erb; G. Falster; W. Finsinger; D. Fortier; Nicolas Gauthier; S. George; E. Grimm; J. Hertzberg; F. Hibbert; A. Hillman; W. Hobbs; M. Huber; A. L. C. Hughes; S. Jaccard; J. Ruan; M. Kienast; B. Konecky; G. Le Roux; V. Lyubchich; V. F. Novello; L. Olaka; J. W. Partin; C. Pearce; S. J. Phipps; C. Pignol; N. Piotrowska; M.-S. Poli; A. Prokopenko; F. Schwanck; C. Stepanek; G. E. A. Swann; R. Telford; E. Thomas; Z. Thomas; S. Truebe; L. von Gunten; A. Waite; N. Weitzel; B. Wilhelm; J. Williams; J. J. Williams; M. Winstrup; N. Zhao; Y. Zhou. PaCTS 1.0: A Crowdsourced Reporting Standard for Paleoclimate Data. Paleoceanography and Paleoclimatology. 34 - 10, pp. 1570 - 1596. 2019. Available on-line at: <https://doi.org/10.1029/2019PA003632>.

DOI: 10.1029/2019PA003632

Type of production: Scientific paper	**Format:** Journal
Position of signature: 5	**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 93

Impact source: ISI	**Category:** Geophysics
Impact index in year of publication: 16.73 (Q1)	**Journal in the top 25%:** Yes
Position of publication: 1	**No. of journals in the cat.:** 84
Source of citations: Google Scholar	**Citations:** 46

22   Ahmad Alobaid; Daniel Garijo; Maria Poveda-Villalon; Idafen Santana-Perez; Alba Fernandez-Izquierdo; Oscar Corcho. Automating ontology engineering support activities with OnToology. Journal of Web Semantics. 2018. Available on-line at: <https://doi.org/10.1016/j.websem.2018.09.003>. ISSN 1570-8268

DOI: 10.1016/j.websem.2018.09.003

Type of production: Scientific paper	**Format:** Journal
Position of signature: 2	**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 6	**Corresponding author:** No
Impact source: ISI	**Category:** Science Edition - COMPUTER SCIENCE, SOFTWARE ENGINEERING
Impact index in year of publication: 2.24 (Q2)	**Journal in the top 25%:** No
Position of publication: 36	**No. of journals in the cat.:** 108

Source of citations: Google Scholar   **Citations:** 68

23 Daniel Garijo. AI buzzwords explained: scientific workflows. AI Matters. 3 - 1, pp. 4 - 8. ACM, 2017. Available on-line at: <https://doi.org/10.1145/3054837.3054839>.
DOI: 10.1145/3054837.3054839
Type of production: Scientific paper   **Format:** Journal
Position of signature: 1   **Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee

Total no. authors: 1
Source of citations: Google Scholar   **Citations:** 7

24 Daniel Garijo; Yolanda Gil; Oscar Corcho. Abstract, link, publish, exploit: An end to end framework for workflow sharing. Future Generation Computer Systems. North-Holland, 2017. Available on-line at: <https://doi.org/10.1016/j.future.2017.01.008>.
DOI: 10.1016/j.future.2017.01.008
Type of production: Scientific paper   **Format:** Journal
Position of signature: 1   **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 3

Impact source: ISI   **Category:** Computer Science (miscellaneous)
Impact index in year of publication: 4.639 (Q1)   **Journal in the top 25%:** Yes
Position of publication: 7   **No. of journals in the cat.:** 103

Source of citations: Google Scholar   **Citations:** 52

25 Alice Allen; Cecilia Aragon; Christoph Becker; Jeffrey Carver; Andrei Chis; Benoit Combemale; Mike Croucher; Kevin Crowston; Daniel Garijo; Ashish Gehani; Carole Goble; Robert Haines; Robert Hirschfeld; James Howison; Kathryn Huff; Caroline Jay; Daniel S. Katz; Claude Kirchner; Katie Kuksenok; Ralf Lammel; Oscar Nierstrasz; Matt Turk; Rob van Nieuwpoort; Matthew Vaughn; Jurgen J. Vinju. Engineering Academic Software (Dagstuhl Perspectives Workshop 16252). Dagstuhl Manifestos. 6 - 1, pp. 1 - 20. Schloss Dagstuhl--Leibniz-Zentrum fuer Informatik, 2017. Available on-line at: <http://drops.dagstuhl.de/opus/volltexte/2017/7146>. ISSN 2193-2433
Type of production: Scientific paper   **Format:** Journal

26 Janne Parkkila; Filip Radulovic; Daniel Garijo; Maria Poveda-Villalon; Jouni Ikonen; Jari Porras; Asuncion Gomez-Perez. An ontology for videogame interoperability. Multimedia Tools and Applications. 76 - 4, pp. 4981 - 5000. Springer US, 2016. Available on-line at: <https://doi.org/10.1007/s11042-016-3552-6>.
DOI: 10.1007/s11042-016-3552-6
Type of production: Scientific paper   **Format:** Journal
Position of signature: 3   **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 7

Impact source: ISI   **Category:** Science Edition - COMPUTER SCIENCE, SOFTWARE ENGINEERING

Impact index in year of publication: 2.1 (Q2)
Position of publication: 42   **No. of journals in the cat.:** 104

Source of citations: Google Scholar   **Citations:** 28

27 Daniel Garijo; Pinar Alper; Khalid Belhajjame; Oscar Corcho; Yolanda Gil; Carole Goble. Common motifs in scientific workflows: An empirical analysis. Future Generation Computer Systems. 36, pp. 338 - 351. North-Holland, 2014. Available on-line at: <https://doi.org/10.1016/j.future.2013.09.018>.
DOI: 10.1016/j.future.2013.09.018
Type of production: Scientific paper | **Format:** Journal
Impact source: ISI | **Category:** Computer Science (miscellaneous)
Impact index in year of publication: 2.78 (Q1) | **Journal in the top 25%:** Yes
Position of publication: 8 | **No. of journals in the cat.:** 102

Source of citations: Google Scholar | **Citations:** 155

28 Daniel Garijo; Sarah Kinnings; Li Xie; Lei Xie; Yinliang Zhang; Philip E Bourne; Yolanda Gil. Quantifying reproducibility in computational biology: the case of the tuberculosis drugome. PloS one. 8 - 11, pp. e80278 - e80278. Public Library of Science, 2013. Available on-line at: <https://doi.org/10.1371/journal.pone.0080278>.
DOI: 10.1371/journal.pone.0080278
Type of production: Scientific paper | **Format:** Journal
Position of signature: 1 | **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 7 | **Corresponding author:** Yes
Impact source: ISI | **Category:** Computer Science (miscellaneous)
Impact index in year of publication: 3.05 (Q1) | **Journal in the top 25%:** Yes
Position of publication: 8 | **No. of journals in the cat.:** 55

Source of citations: Google Scholar | **Citations:** 138

29 Ghislain Atemezing; Oscar Corcho; Daniel Garijo; Jose Mora; Maria Poveda-Villalon; Pablo Rozas; Daniel Vila-Suero; Boris Villazon-Terrazas. Transforming meteorological data into linked data. Semantic Web. 4 - 3, pp. 285 - 290. IOS Press, 2013. Available on-line at: <https://dl.acm.org/doi/10.5555/2786071.2786080>. ISSN 1570-0844
Type of production: Scientific paper | **Format:** Journal
Position of signature: 3 | **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 8 |
Impact source: ISI | **Category:** Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE

Source of citations: Google Scholar | **Citations:** 80

30 Mario David; Miguel Colom; Daniel Garijo; Leyla Jael Castro; Violaine Louvet; Elisabetta Ronchieri; Massimo Torquati; Laura del Caño; Leong Cerlane; Maxime van den Bossche; Isabel Campos; Roberto Di Cosmo. Ensure Software Quality. Zenodo, 03/2024. Available on-line at: <https://hal.science/hal-04485911>.
DOI: 10.5281/zenodo.10723608
Type of production: Scientific-technical report | **Format:** Scientific and technical document or report
Position of signature: 3 | **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 12

31 Neil P. Chue Hong; Daniel S. Katz; Michelle Barker; Anna-Lena Lamprecht; Carlos Martinez; Fotis E. Psomopoulos; Jen Harrow; Leyla Jael Castro; Morane Gruenpeter; Paula Andrea Martinez; Tom Honeyman; Alexander Struck; Allen Lee; Axel Loewe; Ben van Werkhoven; Catherine Jones; Daniel Garijo; Esther Plomp; Francoise Genova; Hugh Shanahan; Joanna Leng; Maggie Hellström; Malin Sandström; Manodeep Sinha; Mateusz Kuzak; Patricia Herterich; Qian Zhang; Sharif Islam; Susanna-Assunta Sansone; Tom Pollard; Udayanto Dwi Atmojo; Alan Williams; Andreas Czerniak; Anna Niehues; Anne Claire Fouilloux; Bala Desinghu; Carole Goble; Céline Richard; Charles Gray; Chris Erdmann; Daniel Nüst; Daniele Tartarini; Elena Ranguelova; Hartwig Anzt; Ilian Todorov;

James McNally; Javier Moldon; Jessica Burnett; Julián Garrido-Sánchez; Khalid Belhajjame; Laurents Sesink; Lorraine Hwang; Marcos Roberto Tovani-Palone; Mark D. Wilkinson; Mathieu Servillat; Matthias Liffers; Merc Fox; Nadica Miljković; Nick Lynch; Paula Martinez Lavanchy; Sandra Gesing; Sarah Stevens; Sergio Martinez Cuesta; Silvio Peroni; Stian Soiland-Reyes; Tom Bakker; Tovo Rabemanantsoa; Vanessa Sochat; Yo Yehudi; RDA FAIR4RS WG. FAIR Principles for Research Software (FAIR4RS Principles). Zenodo, 05/2022. Available on-line at: <https://doi.org/10.15497/RDA00068>.
Type of production: Scientific-technical report
Source of citations: Google Scholar   **Citations:** 116

32   Daniel Garijo; Kai Eckert. Dublin Core to PROV Mapping. W3C Working Group Note. 04/2013. Available on-line at: <http://www.w3.org/TR/2013/NOTE-prov-dc-20130430/>.
Type of production: Scientific-technical report   **Format:** Scientific and technical document or report

33   Timothy Lebo; Satya Sahoo; Deborah McGuinness; Khalid Belhajjame; James Cheney; David Corsar; Daniel Garijo; Stian Soiland-Reyes; Stephan Zednik; Jun Zhao. PROV-O: The PROV ontology. W3C recommendation. 30, W3C, 2013. Available on-line at: <https://www.w3.org/TR/2013/REC-prov-o-20130430/>.
Type of production: Scientific-technical report   **Format:** Scientific and technical document or report
Source of citations: Google Scholar   **Citations:** 901

34   Simon Miles; Yolanda Gil; Khalid Belhajjame; Helena Deus; Daniel Garijo; Graham Klyne; Paolo Missier; Stian Soiland-Reyes; Stephen Zednik. Prov model primer. W3C recommendation. W3C, 2013. Available on-line at: <http://www.w3.org/TR/provprimer>.
Type of production: Scientific-technical report   **Format:** Scientific and technical document or report
Source of citations: Google Scholar   **Citations:** 138

35   Khalid Belhajjame; Graham Klyne; Daniel Garijo; Oscar Corcho; Esteban Garcia-Cuesta; Raul Palma. Wf4Ever Research Object model. 2013. Available on-line at: <http://wf4ever.github.io/ro>.
Type of production: Scientific-technical report   **Format:** Scientific and technical document or report

36   Yolanda Gil; James Cheney; PT Groth; Olaf Hartig; Simon Miles; Luc Moreau; P Pinheiro da Silva. Provenance xg final report. W3C Incubator Group Reports. W3C, 2010. Available on-line at: <https://www.w3.org/2005/Incubator/prov/XGR-prov-20101214/>.
Type of production: Scientific-technical report   **Format:** Scientific and technical document or report

Works submitted to national or international conferences

1   **Title of the work:** Bidirectional Paper-Repository Tracing in Software Engineering
Name of the conference: International Conference on Mining Software Repositories
Type of event: Conference
Corresponding author: Yes
Date of event: 15/04/2024
End date: 16/04/2024
Type of contribution: Scientific paper
Daniel Garijo; Miguel Arroyo; Esteban Gonzalez; Christoph Treude; Nicola Tarocco. "MSR '24: Proceedings of the 21st International Conference on Mining Software Repositories". pp. 642 - 646. ACM, 02/07/2024. ISBN 9798400705878
DOI: 10.1145/3643991.3644876

2 **Title of the work:** Softalias-KG: Reconciling Software Mentions in Scientific Literature
Name of the conference: International Semantic Web Conference
Date of event: 06/11/2023
End date: 10/11/2023
Esteban Gonzalez Guardia; Hector Lopez; Daniel Garijo.

3 **Title of the work:** TEC: Transparent Emissions Calculation Toolkit
Name of the conference: International Semantic Web Conference
City of event: Athens, Greece
Date of event: 06/11/2023
End date: 10/11/2023
Type of contribution: Scientific book or monograph
Milan Markovic; Daniel Garijo; Stefano Germano; Iman Naja. "The Semantic Web
-- ISWC 2023". pp. 76 - 93. Springer Nature Switzerland, 2023. Available on-line at:
<https://doi.org/10.1007/978-3-031-47243-5_5>.
DOI: 10.1007/978-3-031-47243-5_5

4 **Title of the work:** Towards Assessing FAIR Research Software Best Practices in an Organization Using
RDF-star
Name of the conference: Semantics
Date of event: 20/09/2023
End date: 22/09/2023
Ana Iglesias Molina; Daniel Garijo.

5 **Title of the work:** Extending Ontology Engineering Practices to Facilitate Application Development
Name of the conference: Knowledge Engineering and Knowledge Management: 23rd International
Conference, EKAW 2022
City of event: Bolzano, Italy
Date of event: 26/09/2022
End date: 29/09/2022
Organising entity: Springer
Type of contribution: Scientific book or monograph
Paola Espinoza-Arias; Daniel Garijo; Oscar Corcho. "Knowledge Engineering and Knowledge Management:
23rd International Conference, EKAW 2022, Bolzano, Italy, September 26--29, 2022, Proceedings". pp. 19 -
35. 20/09/2022.

6 **Title of the work:** FAIROs: Towards FAIR Assessment in Research Objects
Name of the conference: International Conference on Theory and Practice of Digital Libraries
City of event: Padua, Italy
Date of event: 20/09/2022
End date: 23/09/2022
Type of contribution: Scientific book or monograph
Esteban Gonzalez; Alejandro Benitez; Daniel Garijo. "Linking Theory and Practice of Digital Libraries". pp.
68 - 80. Springer International Publishing, 2022. ISBN 978-3-031-16802-4

7 **Title of the work:** Multi-label Text Classification for Public Procurement in Spanish
Name of the conference: SEPLN
Date of event: 10/09/2022
End date: 23/09/2022
Type of contribution: Scientific book or monograph

Maria Navas-Loro; Daniel Garijo; Oscar Corcho. En: Procesamiento del Lenguaje Natural. 69 - 0, pp. 73 - 82. 2022. Available on-line at: <http://journal.sepln.org/sepln/ojs/ojs/index.php/pln/article/view/6429>. ISSN 1989-7553

8 **Title of the work:** inspect4py: a knowledge extraction framework for Python code repositories
Name of the conference: The 2022 Mining Software Repositories Conference
Corresponding author: Yes
City of event: Pittsburgh, United States of America
Date of event: 22/05/2022
Rosa Filgueira; Daniel Garijo. "inspect4py: a knowledge extraction framework for Python code repositories".

9 **Title of the work:** FOOPS!: An Ontology Pitfall Scanner for the FAIR Principles
Name of the conference: International Semantic Web Conference
Type of event: Conference
Corresponding author: Yes
Date of event: 2021
Type of contribution: Scientific paper
Daniel Garijo; Oscar Corcho; María Poveda-Villalón. "International Semantic Web Conference (ISWC) 2021: Posters, Demos, and Industry Tracks". En: International Semantic Web Conference (ISWC) 2021: Posters, Demos, and Industry Tracks. 2980, CEUR,

10 **Title of the work:** Mapping the Web Ontology Language to the OpenAPI Specification
Name of the conference: International Conference on Conceptual Modeling
Type of event: Conference
Date of event: 03/11/2020
Type of contribution: Scientific paper
Paola Espinoza-Arias; Daniel Garijo; Oscar Corcho. "Advances in Conceptual Modeling". 12584, pp. 117 - 127. Springer, Cham, 03/11/2020. Available on-line at: <https://link.springer.com/chapter/10.1007/978-3-030-65847-2_11>. ISBN 978-3-030-65847-2

11 **Title of the work:** OBA: An ontology-based framework for creating REST APIs for knowledge graphs
Name of the conference: International Semantic Web Conference
Type of event: Conference
Corresponding author: Yes
Date of event: 01/11/2020
End date: 06/11/2020
Type of contribution: Scientific paper
Daniel Garijo; Maximiliano Osorio. 12507, pp. 48 - 64. Springer, Cham, ISBN 978-3-030-62466-8

12 **Title of the work:** KGTK: A Toolkit for Large Knowledge Graph Manipulation and Analysis
Name of the conference: International Semantic Web Conference
Date of event: 01/11/2020
End date: 06/11/2020
Type of contribution: Scientific book or monograph
Filip Ilievski; Daniel Garijo; Hans Chalupsky; Naren Teja Divvala; Yixiang Yao; Craig Rogers; Ronpeng Li; Jun Liu; Amandeep Singh; Daniel Schwabe; Pedro Szekely. "The Semantic Web -- ISWC 2020". pp. 278 - 293. Springer International Publishing, 2020. ISBN 978-3-030-62466-8

13 **Title of the work:** Coming to terms with FAIR ontologies
Name of the conference: International Conference on Knowledge Engineering and Knowledge Management
Type of event: Conference

Date of event: 16/09/2020
Organising entity: Springer, Cham
Type of contribution: Scientific paper
María Poveda-Villalón; Paola Espinoza-Arias; Daniel Garijo; Oscar Corcho. En: Lecture Notes in Computer Science. 12387, Springer, Cham, 16/09/2020.

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14 **Title of the work:** SoMEF: A framework for capturing scientific software metadata from its documentation
Name of the conference: 2019 IEEE International Conference on Big Data (Big Data)
Type of event: Conference
City of event: Los Angeles, United States of America
Date of event: 09/12/2019
End date: 12/12/2019
Organising entity: IEEE
Type of contribution: Scientific paper
Allen Mao; Daniel Garijo; Shobeir Fakhraei. "SoMEF: A framework for capturing scientific software metadata from its documentation". IEEE, 12/09/2019. ISBN 978-1-7281-0858-2
DOI: https://doi.org/10.1109/BigData47090.2019.9006447

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15 **Title of the work:** Semantic modelling of plans and execution traces for enhancing transparency of iot systems
Name of the conference: Sixth International Conference on Internet of Things: Systems, Management and Security (IOTSMS)
Type of event: Conference
City of event: Granada, Andalusia, Spain
Date of event: 22/10/2019
End date: 25/10/2019
Type of contribution: Scientific paper
Milan Markovic; Daniel Garijo; Peter Edwards. IEEE, Available on-line at: <https://ieeexplore.ieee.org/abstract/document/8939260>. ISBN 978-1-7281-2949-5
DOI: 10.1109/IOTSMS48152.2019.8939260

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16 **Title of the work:** Linking abstract plans of scientific experiments to their corresponding execution traces
Name of the conference: Proceedings of the Third International Workshop on Capturing Scientific Knowledge (Sciknow 2019)
Date of event: 21/10/2019
Organising entity: ACM
Milan Markovic; Daniel Garijo; Peter Edwards. CEUR-WS, Available on-line at: <https://aura.abdn.ac.uk/bitstream/handle/2164/13408/Markovic_LinkingAbstractPlans_VOR.pdf>.

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17 **Title of the work:** OKG-Soft: An Open Knowledge Graph with Machine Readable Scientific Software Metadata
Name of the conference: Fifteen IEEE International Conference on eScience
Corresponding author: Yes
City of event: San Diego, United States of America
Date of event: 24/09/2019
End date: 27/09/2019
Organising entity: ACM
Type of contribution: Scientific book or monograph
Daniel Garijo; Maximiliano Osorio; Deborah Khider; Varun Ratnakar; Yolanda Gil. "To appear in Proceedings of the Fifteen IEEE International Conference on eScience". 2019. Available on-line at: <http://dgarijo.com/papers/OKG-SoftEscience2019.pdf>.

18 **Title of the work:** Towards Human-guided Machine Learning
Name of the conference: Intelligent User Intefaces
Type of event: Conference
City of event: Los Angeles, United States of America
Date of event: 17/03/2019
End date: 20/03/2019
Organising entity: ACM
Type of contribution: Scientific paper
Gil, Yolanda; Honaker, James; Gupta, Shikhar; Ma, Yibo; D'Orazio, Vito; Daniel Garijo; Gadewar, Shruti; Yang, Qifan; Jahanshad, Neda. "Proceedings of the 24th International Conference on Intelligent User Interfaces". pp. 1057 - 1058. 2019. Available on-line at: <http://dgarijo.com/papers/iuiDemo2019.pdf>. ISBN 978-1-4503-6272-6

19 **Title of the work:** Semantic Modelling of Plans and Execution Traces for Enhancing Transparency of IoT Systems
Name of the conference: Sixth International Conference on Internet of Things: Systems, Management and Security (IOTSMS)
City of event: Granada,
Date of event: 2019
Type of contribution: Scientific book or monograph
Milan Markovic; Daniel Garijo; Peter Edwards; Wamberto Vasconcelos. "2019 Sixth International Conference on Internet of Things: Systems, Management and Security (IOTSMS)". pp. 110 - 115. 10/2019. Available on-line at: <http://dgarijo.com/papers/IoT_Systems_AAM2019.pdf>.

20 **Title of the work:** Semantic Workflows for Benchmark Challenges: Enhancing Comparability, Reusability and Reproducibility
Name of the conference: Pacific Symposium on Biocomputing
Date of event: 2019
Type of contribution: Scientific book or monograph
Arunima Srivastava; Ravali Adusumilli; Hunter Boyce; Daniel Garijo; Varun Ratnakar; Rajiv Mayani; Thomas Yu; Raghu Machiraju; Yolanda Gil; Parag Mallick. "Proceedings of the Pacific Symposium on Biocomputing (PSB)". 2019. Available on-line at: <http://www.isi.edu/~gil/papers/srivastava-etal-psb19.pdf>.

21 **Title of the work:** T2WML: A Cell-Based Language to Map Tables into Wikidata Records
Name of the conference: International Semantic Web Conference
Date of event: 2019
Type of contribution: Scientific book or monograph
Pedro A. Szekely; Daniel Garijo; Jay Pujara; Divij Bhatia; Jiasheng Wu. "ISWC Satellites". 2019. Available on-line at: <http://ceur-ws.org/Vol-2456/paper12.pdf>.

22 **Title of the work:** T2WML: Table To Wikidata Mapping Language
Name of the conference: 10th International Conference on Knowledge Capture
City of event: Los Angeles, United States of America
Date of event: 2019
Organising entity: ACM
Pedro Szekely; Daniel Garijo; Divij Bhathia; Jiasheng Wu; Yixiang Yao; Jay Pujara. "Proceedings of the 10th International Conference on Knowledge Capture".

23 **Title of the work:** Towards Automated Hypothesis Testing in Neuroscience
Name of the conference: VLDB Workshop on Data Management and Analytics for Medicine and Healthcare
Corresponding author: Yes

Date of event: 2019

Daniel Garijo; Shobeir Fakhraei; Varun Ratnakar; Qifan Yang; Hanna Endrias; Yibo Ma; Regina Wang; Michael Bornstein; Joanna Bright; Yolanda Gil; Neda Jahanshad. "Heterogeneous Data Management, Polystores, and Analytics for Healthcare".

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24 **Title of the work:** Semantic Software Metadata for Workflow Exploration and Evolution
Name of the conference: International Conference on eScience
Type of event: Conference
City of event: Amsterdam, Holland
Date of event: 29/10/2018
End date: 01/10/2018
Organising entity: IEEE
Type of contribution: Scientific paper

Lucas Carvalho; Daniel Garijo; Claudia Bauzer Medeiros; Yolanda Gil. "Proceedings of the Fourteenth IEEE International Conference on eScience". 2018.

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25 **Title of the work:** A Semantic Model Catalog to Support Comparison and Reuse
Name of the conference: International Congress on Environmental Modelling and Software
Type of event: Conference
City of event: Ft Collins, United States of America
Date of event: 24/06/2018
End date: 28/06/2018
Type of contribution: Scientific book or monograph

Daniel Garijo; Deborah Khider; Yolanda Gil; Lucas Carvalho; Bakinam Essawy; Suzanne Pierce; Daniel Hardesty Lewis; Varun Ratnakar; Scott Peckham; Chris Duffy; Jonathan Goodal. "Proceedings of the 9th International Congress on Environmental Modelling and Software". 2018. Available on-line at: <http://dgarijo.com/papers/IEMSs2018-OntoSoft.pdf>.

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26 **Title of the work:** MINT: Model Integration Through Knowledge-Powered Data and Process Composition
Name of the conference: International Congress on Environmental Modeling and Software
Type of event: Conference
City of event: Ft Collins, United States of America
Date of event: 24/06/2018
End date: 28/06/2018
Type of contribution: Scientific paper

Yolanda Gil; Kelly Cobourn; Ewa Deelman; Chris Duffy; Rafael Ferreira da Silva; Armen Kemanian; Craig Knoblock; Vipin Kumar; Scott Peckham; Lucas Carvalho; Yao-Yi Chiang; Daniel Garijo; Deborah Khider; Ankush Khandelwal; Minh Pahm; Jay Pujara; Varun Ratnakar; Maria Stoica; Binh Vu. "Proceedings of the 9th International Congress on Environmental Modelling and Software". 2018. Available on-line at: <http://dgarijo.com/papers/iemss2018-MINT.pdf>.

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27 **Title of the work:** Towards Model Integration via Abductive Workflow Composition and Multi-Method Scalable Model Execution
Name of the conference: International Congress on Environmental Modeling and Software
City of event: Ft Collins, United States of America
Date of event: 24/06/2018
End date: 28/06/2018
Type of contribution: Scientific book or monograph

Rafael Ferreira da Silva; Daniel Garijo; Scott D. Peckham; Yolanda Gil; Ewa Deelman; Varun Ratnakar. "Proceedings of the Ninth International Congress on Environmental Modeling and Software". 2018. Available on-line at: <http://www.isi.edu/~gil/papers/ferreira-etal-iemss18.pdf>.

28 **Title of the work:** PSM-Flow: Probabilistic Subgraph Mining for Discovering Reusable Fragments in Workflows
Name of the conference: International Conference on Web Intelligence
Type of event: Conference
City of event: Santiago de Chile, Chile
Date of event: 2018
End date: 2018
Type of contribution: Scientific paper
Chin Wang Cheong; Daniel Garijo; Kwok{-}Wai Cheung; Yolanda Gil. "2018 {IEEE/WIC/ACM} International Conference on Web Intelligence, {WI} 2018, Santiago, Chile, December 3-6, 2018". pp. 166 - 173. 2018. Available on-line at: <https://doi.org/10.1109/WI.2018.00-93>.

29 **Title of the work:** A Controlled Crowdsourcing Approach for Practical Ontology Extensions and Metadata Annotations
Name of the conference: International Semantic Web Conference
Type of event: Conference
City of event: Viena, Austria
Date of event: 21/10/2017
End date: 25/10/2017
Organising entity: Springer, Cham
Type of contribution: Scientific paper
Yolanda Gil; Daniel Garijo; Varun Ratnakar; Deborah Khider; Julien Emile-Geay; Nicholas McKay. "International Semantic Web Conference". pp. 231 - 246. 2017. Available on-line at: <http://dgarijo.com/papers/linkedEarth-iswc2017.pdf>. ISBN 978-3-319-68203-7
DOI: 10.1007/978-3-319-68204-4_24

30 **Title of the work:** WIDOCO: a wizard for documenting ontologies
Name of the conference: International Semantic Web Conference
Type of event: Conference
Date of event: 21/10/2017
End date: 25/10/2017
Organising entity: Springer, Cham
City organizing entity: Viena, Austria
Type of contribution: Scientific paper
Daniel Garijo. "International Semantic Web Conference". pp. 94 - 102. 2017. Available on-line at: <http://dgarijo.com/papers/widoco-iswc2017.pdf>.

31 **Title of the work:** Towards Automating Data Narratives
Name of the conference: International Conference on Intelligent User Interfaces
Type of event: Conference
Date of event: 13/03/2017
End date: 16/03/2017
Organising entity: ACM
Type of contribution: Scientific paper
Yolanda Gil; Daniel Garijo. "Proceedings of the 22nd International Conference on Intelligent User Interfaces". pp. 565 - 576. 2017. Available on-line at: <http://dgarijo.com/papers/iui2017.pdf>.

32 **Title of the work:** Towards Continuous Scientific Data Analysis and Hypothesis Evolution.
Name of the conference: AAAI Conference on Artificial Intelligence
Type of event: Conference
Date of event: 04/02/2017
End date: 09/02/2017

Organising entity: AAAI
Type of contribution: Scientific paper

Yolanda Gil; Daniel Garijo; Varun Ratnakar; Rajiv Mayani; Ravali Adusumilli; Hunter Boyce; Arunima Srivastava; Parag Mallick. "Proceedings of the Thirty-First AAAI Conference on Artificial Intelligence". pp. 4406 - 4414. 2017. Available on-line at: <http://dgarijo.com/papers/aaai2017.pdf>.

33 **Title of the work:** OntoSoft: A distributed semantic registry for scientific software
Name of the conference: International Conference on e-Science (e-Science)
Type of event: Conference
City of event: Baltimore, United States of America
Date of event: 24/10/2016
End date: 26/10/2016
Organising entity: IEEE
Type of contribution: Scientific paper

Yolanda Gil; Daniel Garijo; Saurabh Mishra; Varun Ratnakar. "e-Science (e-Science), 2016 IEEE 12th International Conference on". pp. 331 - 336. 2016. Available on-line at: <http://dgarijo.com/papers/ontoSoft2016.pdf>.

34 **Title of the work:** Automated Hypothesis Testing with Large Scientific Data Repositories
Name of the conference: Annual Conference on Advances in Cognitive Systems
Type of event: Conference
City of event: Evanston, United States of America
Date of event: 23/06/2016
End date: 26/06/2016
Type of contribution: Scientific paper

Yolanda Gil; Daniel Garijo; Varun Ratnakar; Rajiv Mayani; Ravali Adusumilli; Hunter Boyce; Parag Mallick. "Proceedings of the Fourth Annual Conference on Advances in Cognitive Systems (ACS)". 2016. Available on-line at: <http://dgarijo.com/papers/acs2016.pdf>.

35 **Title of the work:** OntoSoft: Capturing scientific software metadata
Name of the conference: International Conference on Knowledge Capture
Type of event: Conference
City of event: Palisades, United States of America
Date of event: 07/10/2015
End date: 10/10/2015
Organising entity: ACM
Type of contribution: Scientific paper

Yolanda Gil; Varun Ratnakar; Daniel Garijo. "Proceedings of the 8th International Conference on Knowledge Capture". pp. 32 - 32. 2015. Available on-line at: <http://dgarijo.com/papers/gil-etal-kcap2015.pdf>.

36 **Title of the work:** OnToology, a tool for collaborative development of ontologies.
Name of the conference: International Conference on Biomedical Ontology
Type of event: Workshop
City of event: Lisboa, Portugal
Date of event: 26/07/2015
End date: 30/07/2015
Type of contribution: Scientific book or monograph

Ahmad Alobaid; Daniel Garijo; Maria Poveda-Villalon; Idafen Santana Perez; Oscar Corcho. "ICBO". 2015. Available on-line at: <http://dgarijo.com/papers/ontoology.pdf>.

37   **Title of the work:** Fragflow: automated fragment detection in scientific workflows
Name of the conference: International Conference on e-Science
Type of event: Conference
City of event: Guaruja, Brazil
Date of event: 20/10/2014
End date: 24/10/2014
Organising entity: IEEE
Type of contribution: Scientific paper

Daniel Garijo; Oscar Corcho; Yolanda Gil; Boris A Gutman; Ivo D Dinov; Paul Thompson; Arthur W Toga. "e-Science (e-Science), 2014 IEEE 10th International Conference on". 1, pp. 281 - 289. 2014. Available on-line at: <http://dgarijo.com/papers/fragflow-escience14.pdf>.

38   **Title of the work:** Workflow reuse in practice: a study of neuroimaging pipeline users
Name of the conference: International Conference on e-Science
Type of event: Conference
City of event: Guaruja, Brazil
Date of event: 20/10/2014
End date: 24/10/2014
Organising entity: IEEE
Type of contribution: Scientific paper

Daniel Garijo; Oscar Corcho; Yolanda Gil; Meredith N Braskie; Derrek Hibar; Xue Hua; Neda Jahanshad; Paul Thompson; Arthur W Toga. "e-Science (e-Science), 2014 IEEE 10th International Conference on". 1, pp. 239 - 246. 2014. Available on-line at: <http://dgarijo.com/papers/usersurvey-escience14.pdf>.

39   **Title of the work:** Detecting common scientific workflow fragments using templates and execution provenance
Name of the conference: International conference on Knowledge capture
Type of event: Conference
Date of event: 2013
End date: 2013
Organising entity: ACM
Type of contribution: Scientific paper

Daniel Garijo; Oscar Corcho; Yolanda Gil. "Proceedings of the seventh international conference on Knowledge capture". pp. 33 - 40. 2013. Available on-line at: <http://dgarijo.com/papers/paperKCAP2013.pdf>.

40   **Title of the work:** Common motifs in scientific workflows: An empirical analysis
Name of the conference: International Conference on E-Science
Type of event: Conference
City of event: Chicago, United States of America
Date of event: 08/10/2012
End date: 12/10/2012
Organising entity: ACM
Type of contribution: Scientific paper

D. Garijo; P. Alper; K. Belhajjame; O. Corcho; Y. Gil; C. Goble. "2012 IEEE 8th International Conference on E-Science". pp. 1 - 8. 10/2012. Available on-line at: <http://dgarijo.com/papers/motifs2012.pdf>.

41   **Title of the work:** A Provenance-aware Linked Data Application for Trip Management and Organization
Name of the conference: I-Semantics '11
Type of event: Conference
City of event: Graz, Austria
Date of event: 2011

End date: 2011
Organising entity: ACM
Type of contribution: Scientific paper
Daniel Garijo; Boris Villazon-Terrazas; Oscar Corcho. "Proceedings of the 7th International Conference on Semantic Systems". 2011. ISBN 978-1-4503-0621-8

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42 **Title of the work:** Extending DCAM for metadata provenance
Name of the conference: International Conference on Dublin Core and Metadata Applications
Type of event: Conference
Date of event: 2011
End date: 2011
Type of contribution: Scientific paper
Kai Eckert; Daniel Garijo; Michael Panzer. "International Conference on Dublin Core and Metadata Applications". pp. 12 - 25. 2011. Available on-line at: <http://dgarijo.com/papers/dc2011.pdf>.

---

43 **Title of the work:** Metadata provenance: dublin core on the next level
Name of the conference: International Conference on Dublin Core and Metadata Applications
Type of event: Conference
Date of event: 2011
End date: 2011
Organising entity: Dublin Core Metadata Initiative
Type of contribution: Scientific book or monograph
Kai Eckert; Daniel Garijo; Michael Panzer; Omer Perçin. "Proceedings of the 2011 International Conference on Dublin Core and Metadata Applications". pp. 192 - 193. 2011. Available on-line at: <http://dcpapers.dublincore.org/pubs/article/download/3646/1872>.

Works submitted to national or international seminars, workshops and/or courses

1 **Title of the work:** Assessing the Overlap of Science Knowledge Graphs: A Quantitative Analysis
Name of the event: Natural Scientific Language Processing and Research Knowledge Graphs
Type of event: Workshop
City of event: Greece
Date of event: 27/05/2024
End date: 27/05/2024
Type: Scientific paper
Jenifer Tabitha Ciuciu-Kiss; Daniel Garijo Verdejo. "Natural Scientific Language Processing and Research Knowledge Graphs".
DOI: 10.1007/978-3-031-65794-8_11

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2 **Title of the work:** Automated Extraction of Research Software Installation Instructions from README files: An Initial Analysis
Name of the event: Natural Scientific Language Processing and Research Knowledge Graphs
Type of event: Workshop
City of event: Greece
Date of event: 27/05/2024
End date: 27/05/2024
Type: Scientific paper
Carlos Utrilla Guerrero; Oscar Corcho; Daniel Garijo Verdejo. "Natural Scientific Language Processing and Research Knowledge Graphs". ISBN 978-3-031-65794-8
DOI: 10.1007/978-3-031-65794-8_8

3 **Title of the work:** RepoFromPaper: An Approach to Extract Software Code Implementations from Scientific Publications
Name of the event: Natural Scientific Language Processing and Research Knowledge Graphs
Type of event: Workshop
City of event: Greece
Date of event: 27/05/2024
End date: 27/05/2024
Type: Scientific paper
Aleksandar Stankovski; Daniel Garijo Verdejo. "Natural Scientific Language Processing and Research Knowledge Graphs".
DOI: 10.110.1007/978-3-031-65794-8_7

4 **Title of the work:** SALTBot: Linking Software and Articles in Wikidata
Name of the event: Wikidata Workshop
Type of event: Workshop
City of event: Greece
Date of event: 07/11/2023
End date: 07/11/2023
Type: Scientific paper
Jorge Bolinches Segovia; Daniel Garijo Verdejo. "Proceedings of the Wikidata Workshop 2023 co-located with 22nd International Semantic Web Conference (ISWC 2023)". 3640. Available on-line at: <https://ceur-ws.org/Vol-3640/paper12.pdf>.

5 **Title of the work:** Creating and Querying Personalized Versions of Wikidata on a Laptop
Name of the event: The 2nd Wikidata Workshop (Wikidata 2021)
Type of event: Workshop
City of event: Virtual event,
Date of event: 24/10/2021
End date: 24/10/2021
With external admission assessment committee: Yes
Type: Scientific paper
Hans Chalupsky; Pedro Szekely; Filip Ilievsky; Daniel Garijo; Kartik Shenoy. "Proceedings of the 2nd Wikidata Workshop (Wikidata 2021)". 2982. Available on-line at: <https://ceur-ws.org/Vol-2982/paper-4.pdf>.

6 **Title of the work:** A Template-Based Approach for Annotating Long-Tail Datasets
Name of the event: 7th International Workshop on Dataset PROFILing and Search (PROFILES 2020)
Type of event: Workshop
City of event: Virtual Conference,
Date of event: 15/11/2020
End date: 15/11/2020
With external admission assessment committee: Yes
Type: Scientific paper
"Advances in Semantics and Linked Data: Joint Workshop Proceedings from ISWC 2020". 2722. pp. 97 - 102. Available on-line at: <https://ceur-ws.org/Vol-2722/profiles2020-paper-3.pdf>.

7 **Title of the work:** Linking abstract plans of scientific experiments to their corresponding execution traces
Name of the event: Third International Workshop on Capturing Scientific Knowledge
Type of event: Workshop
City of event: Los Angeles, United States of America
Date of event: 19/11/2019
End date: 19/11/2019

With external admission assessment committee: Yes

Type: Scientific paper

Milan Markovic; Daniel Garijo; Peter Edwards. "Proceedings of the Third International Workshop on Capturing Scientific Knowledge". 2526. pp. 37 - 39. Available on-line at: <https://ceur-ws.org/Vol-2526/short1.pdf>.

8 **Title of the work:** Semantic Workflows and Machine Learning for the Assessment of Carbon Storage by Urban Trees

Name of the event: Third International Workshop on Capturing Scientific Knowledge

Type of event: Workshop

City of event: Los Angeles, United States of America

Date of event: 19/11/2019

End date: 19/11/2019

With external admission assessment committee: Yes

Type: Scientific paper

Juan Manuel Carrillo García; Daniel Garijo; Mark Crowley; Rober Carrillo; Yolanda Gil; Katherine Borda. "Proceedings of the Third International Workshop on Capturing Scientific Knowledge". 2526. pp. 1 - 6. Available on-line at: <https://ceur-ws.org/Vol-2526/paper1.pdf>.

9 **Title of the work:** WDPlus: Leveraging Wikidata to Link and Extend Tabular Data

Name of the event: Third International Workshop on Capturing Scientific Knowledge

Type of event: Workshop

City of event: Los Angeles, United States of America

Date of event: 19/11/2019

End date: 19/11/2019

With external admission assessment committee: Yes

Type: Scientific paper

Daniel Garijo; Pedro Szekely. "Proceedings of the Third International Workshop on Capturing Scientific Knowledge". 2526. pp. 37 - 39. Available on-line at: <https://ceur-ws.org/Vol-2526/short4.pdf>.

10 **Title of the work:** P4ML: A Phased Performance-Based Pipeline Planner for Automated Machine Learning

Name of the event: 2018 AutoML Workshop (ICML)

Type of event: Workshop

City of event: Sweden

Date of event: 10/07/2018

End date: 15/07/2018

With external admission assessment committee: Yes

Type: Scientific paper

Yolanda Gil; Ke-Thia Yao; Varun Ratnakar; Daniel Garijo; Greg Ver Steeg; Pedro Szekely; Rob Brekelmans; Mayank Kejriwal; Luo Fanghao; I-Hui Huang. "Proceedings of Machine Learning Research, ICML 2018 AutoML Workshop".

11 **Title of the work:** Improving Publication and Reproducibility of Computational Experiments through Workflow Abstractions

Name of the event: Second International Workshop on Capturing Scientific Knowledge

Type of event: Workshop

City of event: Austin, United States of America

Date of event: 04/12/2017

End date: 04/12/2017

With external admission assessment committee: Yes

Type: Scientific paper

Yolanda Gil; Daniel Garijo; Margaret Knoblock; Alyssa Deng; Ravali Adusumilli; Varun Ratnakar; Parag Mallick. "Proceedings of Workshops and Tutorials of the 9th International Conference on Knowledge Capture (K-CAP2017)". 2065. pp. 12 - 16. Available on-line at: <https://ceur-ws.org/Vol-2065/paper05.pdf>.

12 **Title of the work:** NiW: Converting Notebooks into Workflows to Capture Dataflow and Provenance
Name of the event: Second International Workshop on Capturing Scientific Knowledge
Type of event: Workshop
City of event: Austin, United States of America
Date of event: 04/12/2017
End date: 04/12/2017
With external admission assessment committee: Yes
Type: Scientific paper
Lucas Augusto Carvalho; Regina Wang; Yolanda Gil; Daniel Garijo. "Proceedings of Workshops and Tutorials of the 9th International Conference on Knowledge Capture (K-CAP2017)". 2065. pp. 12 - 16. Available on-line at: <https://ceur-ws.org/Vol-2065/paper04.pdf>.

13 **Title of the work:** Requirements for supporting the iterative exploration of scientific workflow variants
Name of the event: Second International Workshop on Capturing Scientific Knowledge
Type of event: Workshop
City of event: Austin, United States of America
Date of event: 04/12/2017
End date: 04/12/2017
With external admission assessment committee: Yes
Type: Scientific paper
Lucas Augusto Carvalho; Daniel Garijo; Bakinam T. Essawy; Claudia B. Medeiros; Yolanda Gil. "Proceedings of Workshops and Tutorials of the 9th International Conference on Knowledge Capture (K-CAP2017)". 2065. pp. 32 - 39. Available on-line at: <https://ceur-ws.org/Vol-2065/paper07.pdf>.

14 **Title of the work:** The DISK Hypothesis Ontology: Capturing Hypothesis Evolution for Automated Discovery
Name of the event: Second International Workshop on Capturing Scientific Knowledge
Type of event: Workshop
City of event: Austin, United States of America
Date of event: 04/12/2017
End date: 04/12/2017
With external admission assessment committee: Yes
Type: Scientific paper
Daniel Garijo; Yolanda Gil; Varun Ratnakar. "Proceedings of Workshops and Tutorials of the 9th International Conference on Knowledge Capture (K-CAP2017)". 2065. pp. 12 - 16. Available on-line at: <https://ceur-ws.org/Vol-2065/paper08.pdf>.

15 **Title of the work:** Automatic Generation of Portions of Scientific Papers for Large Multi- Institutional Collaborations Based on Semantic Metadata
Name of the event: First Workshop on Enabling Open Semantic Science
Type of event: Workshop
City of event: Vienna, Austria
Date of event: 21/10/2017
End date: 21/10/2017
With external admission assessment committee: Yes
Type: Scientific paper
MiHyun Jang; Tejal Patted; Yolanda Gil; Daniel Garijo; Varun Ratnakar; Jie Ji; Prince Wang; Aggie McMahon; Paul Thompson; Neda Jahanshad. "Proceedings of the First Workshop on Enabling Open Semantic Science". pp. 63 - 70. Available on-line at: <https://ceur-ws.org/Vol-1931/paper-09.pdf>.

16 **Title of the work:** Towards workflow ecosystems through semantic and standard representations
Name of the event: Workshop on Workflows in Support of Large-Scale Science
Type of event: Workshop
Corresponding author: Yes
City of event: New Orleans, United States of America
Date of event: 16/11/2016
End date: 16/11/2016
With external admission assessment committee: Yes
Type: Scientific paper
Daniel Garijo; Yolanda Gil; Oscar Corcho. "2014 9th Workshop on Workflows in Support of Large-Scale Science". pp. 94 - 104. Available on-line at: <https://doi.org/10.1109/WORKS.2014.13>. ISBN 978-1-4799-7067-4
DOI: 10.1109/WORKS.2014.13

17 **Title of the work:** LDP4ROs: Managing Research Objects with the W3C Linked Data Platform
Name of the event: Save-SD - International Conference on World Wide Web
Type of event: Workshop
Reasons for participation: Speaker
Date of event: 18/05/2015
End date: 18/05/2015
With external admission assessment committee: Yes
Type: Scientific paper
Daniel Garijo; Nandana Mihindukulasooriya; Oscar Corcho. "WWW '15 Companion: Proceedings of the 24th International Conference on World Wide Web". pp. 1057 - 1058. Available on-line at: <https://doi.org/10.1145/2740908.2742016>. ISBN 9781450334730
DOI: 10.1145/2740908.2742016

18 **Title of the work:** Challenges for provenance analytics over geospatial data
Name of the event: International Provenance and Annotation Workshop
Type of event: Workshop
City of event: Cologne, Germany
Date of event: 09/06/2014
End date: 09/06/2014
With external admission assessment committee: Yes
Type: Scientific paper
Daniel Garijo; Yolanda Gil; Andreas Harth. "Provenance and Annotation of Data and Processes. IPAW 2014. Lecture Notes in Computer Science". 8628. Available on-line at: <https://doi.org/10.1007/978-3-319-16462-5_28>.
DOI: 10.1007/978-3-319-16462-5_28

19 **Title of the work:** On specifying and sharing scientific workflow optimization results using Research Objects
Name of the event: Workshop on Workflows in Support of Large-Scale Science
Type of event: Workshop
Reasons for participation: Speaker
City of event: Denver, United States Minor Outlying Islands
Date of event: 17/11/2013
End date: 17/11/2013
With external admission assessment committee: Yes
Type: Scientific paper

Sonja Holl; Daniel Garijo; Khalid Belhajjame; Olav Zimmerman; Renato de Giovani; Matthias Obst; Carole Goble. "Proceedings of the 8th Workshop on Workflows in Support of Large-Scale Science". pp. 28 - 37. Available on-line at: <https://doi.org/10.1145/2534248.2534251>. ISBN 9781450325028
DOI: 10.1145/2534248.2534251

20   **Title of the work:** A workflow PROV-corpus based on Taverna and WINGs
Name of the event: Joint EDBT/ICDT 2013 Workshops
Type of event: Workshop
Date of event: 01/03/2013
End date: 01/03/2013
City organizing entity: Genova, Italy
With external admission assessment committee: Yes
Type: Scientific paper
Khalid Belhajjame; Jun Zhao; Daniel Garijo; Aleix Garrido; Stian Soiland-Reyes; Pinar Alper; Oscar Corcho. Available on-line at: <https://doi.org/10.1145/2457317.2457376>. ISBN 9781450315999
DOI: 10.1145/2457317.2457376

21   **Title of the work:** Augmenting PROV with Plans in P-PLAN: Scientific Processes as Linked Data
Name of the event: International Workshop on Linked Science
Type of event: Workshop
Corresponding author: Yes
City of event: Boston, United States of America
Date of event: 12/11/2012
End date: 12/11/2012
With external admission assessment committee: Yes
Daniel Garijo; Yolanda Gil. 951. CEUR, Available on-line at: <https://ceur-ws.org/Vol-951/paper6.pdf>.

22   **Title of the work:** Publishing Linked Data - There is no One-Size-Fits-All Formula
Name of the event: European Data Forum 2012
Type of event: Workshop
City of event: Copenhagen, Denmark
Date of event: 06/06/2012
End date: 06/06/2012
Boris Villazón-Terrazas; Daniel Vila-Suero; Daniel Garijo; Luis Bilches; María Poveda-Villalón; Jose Mora; Oscar Corcho; Asunción Gómez-Pérez. ISSN 1613-0073

23   **Title of the work:** Workflow-centric research objects: First class citizens in scholarly discourse
Name of the event: Workshop on Semantic Publishing
Type of event: Workshop
Date of event: 28/05/2012
End date: 28/05/2012
With external admission assessment committee: Yes
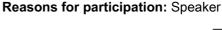**Type:** Scientific paper
Sean Bechhofer; Khalid Belhajjame; Oscar Corcho; Daniel Garijo; Jun Zhao; Paolo Missier; David R. Newman; Raul Palma; Esteban García-Cuesta; Jose Manuel Gomez-Perez; Graham Klyne; Kevin Page; Marco Roos; José E. Ruiz; Stian Soiland-Reyes; Lourdes Verdes-Montenegro; David de Roure; Carole Goble. 903. pp. 1 - 12.

24   **Title of the work:** A new approach for publishing workflows: abstractions, standards, and linked data
Name of the event: Workshop on Workflows in support of large-scale science
Type of event: Workshop
Corresponding author: Yes   **Reasons for participation:** Speaker

City of event: Seattle, United States of America
Date of event: 14/11/2011
End date: 14/11/2011
With external admission assessment committee: Yes
Type: Scientific paper
Daniel Garijo; Yolanda Gil. ACM, pp. 47 - 56. Available on-line at:
<https://doi.org/10.1145/2110497.2110504>. ISBN 9781450311007
DOI: 10.1145/2110497.2110504

25 **Title of the work:** A Community Roadmap for Scientific Workflows Research and Development
Name of the event: 2021 IEEE Workshop on Workflows in Support of Large-Scale Science (WORKS)
End date: 2021
Rafael Ferreira; Henri Casanova; Kyle Chard; Ilkay Ilkay; Rosa Badia; Bartosz Balis; Tainã Coleman;
Frederik Coppens; Frank di Natale; Bjoern Enders; Thomas Fahringer; Rosa Filgueira; Grigori Grigori;
Daniel Garijo; Carole Goble; others. "2021 IEEE Workshop on Workflows in Support of Large-Scale Science
(WORKS)". pp. 81 - 90. Available on-line at: <doi.org/10.1109/WORKS54523.2021.00016>.
DOI: 10.1109/WORKS54523.2021.00016

26 **Title of the work:** Towards Automated Hypothesis Testing in Neuroscience
Name of the event: VLDB Workshop on Data Management and Analytics for Medicine and Healthcare
Type of event: Workshop
With external admission assessment committee: Yes
Type: Scientific paper
Daniel Garijo; Shobeir Fakhraei; Varun Ratnakar; Qifan Yang; Hannah Endrias; Yibo Ma; Regina Wang;
Michael Bornstein; Joanna Bright; Yolanda Gil; Neda Jahanshad. "Heterogeneous Data Management,
Polystores, and Analytics for Healthcare. DMAH Poly 2019". 11721. pp. 249 - 257. Available on-line at:
<https://doi.org/10.1007/978-3-030-33752-0_18>.
DOI: 10.1007/978-3-030-33752-0_18

Science Outreach activities

1 **Title of the work:** Datos de investigación: retos, oportunidades y buenas prácticas ante la reforma de la
evaluación de la investigación
Name of the event: Jornada Madroño "Datos de investigación: Experiencias, retos y oportunidades ante la
reforma de la evaluación de la investigación"
Type of event: Conferences given
Corresponding author: Yes
City of event: Madrid, Spain
Date of event: 24/10/2024
Organising entity: Consorcio Madroño
Daniel Garijo. "Datos de investigación: retos, oportunidades y buenas prácticas ante la reforma de la
evaluación de la investigación". Available on-line at: <https://doi.org/10.5281/zenodo.13971474>.
DOI: 10.5281/zenodo.13971474

2 **Title of the work:** Improving Software Findability with CodeMeta: Towards FAIR Research Software
Name of the event: Data Analysis and SOFTWARE in Heliophysics (DASH)
Type of event: Conferences given
Corresponding author: Yes
City of event: Madrid, Spain
Date of event: 14/10/2024
Type of entity: Research centre

Organising entity: European Space Astronomy
Centre
Daniel Garijo. "Improving Software Findability with CodeMeta: Towards FAIR Research Software". Available on-line at: <https://doi.org/10.5281/zenodo.13996965>.
DOI: 10.5281/zenodo.13996965

3   **Title of the work:** A brief introduction to FAIR tools, initiatives and best practices
Name of the event: EOSC Funders Forum
Type of event: Conferences given
Corresponding author: Yes
Date of event: 06/2024
Organising entity: EOSC
Daniel Garijo. "A brief introduction to FAIR tools, initiatives and best practices". Available on-line at: <https://doi.org/10.5281/zenodo.11610344>.
DOI: 10.5281/zenodo.11610344

4   **Title of the work:** FAIR Semantic Artefact Assessment: A Methodology and Implementation
Name of the event: Romania roadshow
Type of event: Conferences given
Corresponding author: Yes
Date of event: 2024
Organising entity: FAIR IMPACT
"FAIR Semantic Artefact Assessment: A Methodology and Implementation". Available on-line at: <https://doi.org/10.5281/zenodo.13996944>.
DOI: 10.5281/zenodo.13996944

5   **Title of the work:** Towards FAIR Research Software: Assessing Best Research Software Practices through Metadata
Name of the event: ZBMED Colloquium
Type of event: Conferences given
Corresponding author: Yes
Date of event: 06/2023
Daniel Garijo. "Towards FAIR Research Software: Assessing Best Research Software Practices through Metadata".

6   **Title of the work:** From Code Repositories to Knowledge Graphs of Research Software Metadata
Name of the event: DCMI Sessions: Metadata and Knowledge Graphs
Type of event: Conferences given
Date of event: 05/10/2022
Organising entity: Dublin Core
Daniel Garijo.

7   **Title of the work:** Accelerating Research Software Understandability Through Knowledge Capture
Type of event: Conferences given
Date of event: 06/2022
Organising entity: University of Aberdeen
Daniel Garijo.

8   **Title of the work:** FAIR workflows: A step closer to the Scientific Paper of the Future
Name of the event: Computational Autonomous Workflows Workshop
Type of event: Conferences given

Corresponding author: Yes
Date of event: 2021
Organising entity: Oakridge national laboratory
Daniel Garijo.

9   **Title of the work:** Towards Reusable Research Software
Name of the event: EOSC Symposium: Infrastructure for quality research software
Type of event: Conferences given
Date of event: 2021
Organising entity: EOSC
Daniel Garijo.

10   **Title of the work:** Towards Knowledge Graphs of Reusable Research Software Metadata
Name of the event: Series of Onlinse Research Software Events (SORSE)
Type of event: Conferences given
Date of event: 2020
Daniel Garijo.

11   **Title of the work:** Scientific Software Registry Collaboration Workshop: From Software Metadata registries to Knowledge Graphs: OntoSoft and OKG-SOFT
Name of the event: Scientific Software Registry Collaboration Workshop
Type of event: Conferences given
City of event: Maryland, United States of America
Date of event: 11/2019
Daniel Garijo.

12   **Title of the work:** Is preserving data enough? Towards the preservation of scientific methods
Name of the event: Open Research Data Day
Type of event: Conferences given
Corresponding author: Yes
City of event: Warsaw, Poland
Date of event: 2015
Daniel Garijo.

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

1   **Committee title:** International Conference on Knowledge Engineering and Knowledge Management Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Amsterdam, Holland
Affiliation entity: EKAW
Start-End date: 26/11/2024 - 28/11/2024

2   **Committee title:** International Semantic Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Baltimore, United States of America
Affiliation entity: SWSA

Start-End date: 11/11/2024 - 15/11/2024

3   **Committee title:** International Conference on Semantic Systems Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Amsterdam, Holland
Affiliation entity: Semantics
Start-End date: 17/09/2024 - 19/09/2024

4   **Committee title:** International Joint Conference on Artificial Intelligence Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Jeju,
Affiliation entity: IJCAI
Start-End date: 03/08/2024 - 09/08/2024

5   **Committee title:** Extended Semantic Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Hersonissos, Greece
Affiliation entity: ESWC
Start-End date: 26/05/2024 - 30/05/2024

6   **Committee title:** International Conference on Knowledge Capture Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Pensacola, United States of America
Affiliation entity: K-CAP
Start-End date: 05/12/2023 - 07/12/2023

7   **Committee title:** International Semantic Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Athens, Greece
Affiliation entity: SWSA
Start-End date: 06/11/2023 - 10/11/2023

8   **Committee title:** Theory and Practice of Digital Libraries Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Zadar, Croatia
Affiliation entity: TPDL
Start-End date: 26/09/2023 - 29/09/2023

9   **Committee title:** International Joint Conference on Artificial Intelligence Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Macao, China
Affiliation entity: IJCAI
Start-End date: 19/08/2023 - 25/08/2023

10   **Committee title:** Extended Semantic Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Hersonissos, Greece
Affiliation entity: ESWC
Start-End date: 28/05/2023 - 01/06/2023

11 **Committee title:** The Symposium on Educational Advances in Artificial Intelligence Prpogram Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Washington, United States of America
Affiliation entity: EAAI
Start-End date: 07/02/2023 - 14/02/2023

12 **Committee title:** International Joint Conference on Knowledge Graphs
Primary (UNESCO code): 330000 - Technological Science.
City: Hangzhou, China
Affiliation entity: IJCKG
Start-End date: 27/10/2022 - 28/10/2022

13 **Committee title:** International Semantic Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: China
Affiliation entity: SWSA
Start-End date: 23/10/2022 - 27/10/2022

14 **Committee title:** International Conference on Knowledge Engineering and Knowledge Management Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Bozen-Bolzano, Italy
Affiliation entity: EKAW
Start-End date: 26/09/2022 - 29/09/2022

15 **Committee title:** International Conference on Semantic Systems Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Vienna, Austria
Affiliation entity: Semantics
Start-End date: 13/09/2022 - 15/09/2022

16 **Committee title:** International Joint Conference on Artificial Intelligence Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Vienna, Austria
Affiliation entity: IJCAI
Start-End date: 23/07/2022 - 29/07/2022

17 **Committee title:** Extended Semantic Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Hersonissos, Greece
Affiliation entity: ESWC
Start-End date: 29/05/2022 - 02/06/2022

18 **Committee title:** The Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Lyon, France
Affiliation entity: WWW
Start-End date: 25/04/2022 - 29/04/2022

19 **Committee title:** Association for the Advancement of Artificial Intelligence Program Committee
Primary (UNESCO code): 330000 - Technological Science.
Affiliation entity: AAAI
Start-End date: 22/02/2022 - 01/03/2022

20 **Committee title:** International Joint Conference on Knowledge Graphs
Primary (UNESCO code): 330000 - Technological Science.
City: Thailand
Affiliation entity: IJCKG
Start-End date: 06/12/2021 - 08/12/2021

21 **Committee title:** International Semantic Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
Affiliation entity: SWSA
Start-End date: 24/10/2021 - 28/10/2021

22 **Committee title:** International Conference on Semantic Systems Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Amsterdam, Holland
Affiliation entity: Semantics
Start-End date: 06/09/2021 - 09/09/2021

23 **Committee title:** International Joint Conference on Artificial Intelligence Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Montreal, Canada
Affiliation entity: IJCAI
Start-End date: 19/06/2021 - 26/06/2021

24 **Committee title:** Extended Semantic Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Hersonissos, Greece
Affiliation entity: ESWC
Start-End date: 06/06/2021 - 10/06/2021

25 **Committee title:** The Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
Affiliation entity: WWW
Start-End date: 19/04/2021 - 23/04/2021

26 **Committee title:** Association for the Advancement of Artificial Intelligence Program Committee
Primary (UNESCO code): 330000 - Technological Science.
Affiliation entity: AAAI
Start-End date: 02/02/2021 - 09/02/2021

27 **Committee title:** International Joint Conference on Artificial Intelligence Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Yokohama, Japan
Affiliation entity: IJCAI
Start-End date: 07/01/2021 - 15/01/2021

28 **Committee title:** International Semantic Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
Affiliation entity: SWSA
Start-End date: 01/11/2020 - 06/11/2020

29 **Committee title:** International Conference on Knowledge Engineering and Knowledge Management Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Bozen-Bolzano, Italy
Affiliation entity: EKAW
Start-End date: 16/09/2020 - 18/09/2020

30 **Committee title:** Extended Semantic Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Heraklion, Greece
Affiliation entity: ESWC
Start-End date: 02/06/2020 - 04/06/2020

31 **Committee title:** The Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Taipei, Taiwan
Affiliation entity: WWW
Start-End date: 20/04/2020 - 24/04/2020

32 **Committee title:** International Semantic Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Auckland, Australia
Affiliation entity: SWSA
Start-End date: 26/10/2019 - 30/10/2019

33 **Committee title:** International Conference on Semantic Systems Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Karlsruhe, Germany
Affiliation entity: Semantics
Start-End date: 09/09/2019 - 12/09/2019

34 **Committee title:** Extended Semantic Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Portoroz, Slovenia
Affiliation entity: ESWC
Start-End date: 02/06/2019 - 06/06/2019

35 **Committee title:** The Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: San Francisco, United States of America
Affiliation entity: WWW
Start-End date: 13/07/2019 - 17/05/2019

36 **Committee title:** Intelligent User Interfaces Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Los Angeles, United States of America

Affiliation entity: IUI
Start-End date: 16/03/2019 - 20/03/2019

37 **Committee title:** Association for the Advancement of Artificial Intelligence Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Hawaii, United States of America
Affiliation entity: AAAI
Start-End date: 27/01/2019 - 01/02/2019

38 **Committee title:** International Conference on Knowledge Engineering and Knowledge Management
Primary (UNESCO code): 330000 - Technological Science.
City: Nancy, France
Affiliation entity: EKAW
Start-End date: 12/11/2018 - 16/12/2018

39 **Committee title:** International Semantic Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Monterey, United States of America
Affiliation entity: SWSA
Start-End date: 08/10/2018 - 12/10/2018

40 **Committee title:** International Conference on Semantic Systems Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Viena, Austria
Affiliation entity: Semantics
Start-End date: 10/09/2018 - 13/09/2018

41 **Committee title:** Extended Semantic Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Heraklion, Greece
Affiliation entity: ESWC
Start-End date: 03/06/2018 - 07/06/2018

42 **Committee title:** The Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Lyon, France
Affiliation entity: WWW
Start-End date: 23/04/2018 - 27/04/2018

43 **Committee title:** Intelligent User Interfaces Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Tokyo, Japan
Affiliation entity: IUI
Start-End date: 07/03/2018 - 11/03/2018

44 **Committee title:** Association for the Advancement of Artificial Intelligence Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: New Orleans, United States of America
Affiliation entity: AAAI
Start-End date: 02/02/2018 - 07/02/2018

45   **Committee title:** International Semantic Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Viena, Austria
Affiliation entity: SWSA
Start-End date: 21/10/2017 - 25/10/2017

46   **Committee title:** International Conference on Semantic Systems Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Amsterdam, Holland
Affiliation entity: Semantics
Start-End date: 11/09/2017 - 14/09/2017

47   **Committee title:** Extended Semantic Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Portoroz, Slovenia
Affiliation entity: ESWC
Start-End date: 28/05/2017 - 01/06/2017

48   **Committee title:** Global Conference on Artificial Intelligence Program Committee
Primary (UNESCO code): 330000 - Technological Science.
Affiliation entity: GCAI
Start-End date: 2017 - 2017

49   **Committee title:** Global Conference on Artificial Intelligence Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Berlin, Germany
Affiliation entity: GCAI
Start-End date: 29/09/2016 - 02/10/2016

50   **Committee title:** International Conference on Software Engineering & Knowledge Engineering Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: San Francisco, United States of America
Affiliation entity: SEKE
Start-End date: 01/07/2016 - 03/07/2016

51   **Committee title:** International Semantic Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Bethlehem, United States of America
Affiliation entity: SWSA
Start-End date: 11/10/2015 - 15/10/2015

52   **Committee title:** Extended Semantic Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Portoroz, Slovenia
Affiliation entity: ESWC
Start-End date: 31/05/2015 - 04/06/2015

53   **Committee title:** International Semantic Web Conference Program Committee
Primary (UNESCO code): 330000 - Technological Science.
City: Sydney, Australia

Affiliation entity: SWSA
Start-End date: 21/10/2013 - 25/10/2013

Organization of R&D activities

1 **Title of the activity:** Tutorial and Workshop chair (Semantics)
Type of activity: Conference track organiser
City of event: Amsterdam, Holland
Convening entity: Semantics
Type of participation: Organiser
Start-End date: 17/09/2024 - 19/09/2024

2 **Title of the activity:** FOAM 2024: FAIR principles for Ontologies and Metadata in Knowledge Management
Type of activity: Workshop
City of event: Enschede, Holland
Type of participation: Chairman
Start-End date: 15/07/2024 - 15/07/2024

3 **Title of the activity:** Program chair (K-CAP)
Type of activity: Conference track organizer
City of event: Pensacola, United States of America
Convening entity: K-CAP
Type of participation: Organiser
Start-End date: 05/12/2023 - 07/12/2023

4 **Title of the activity:** Industry chair (ISWC)
Type of activity: Conference track organiser
City of event: Athens, Greece
Convening entity: SWSA
Type of participation: Organiser
Start-End date: 06/11/2023 - 10/11/2023

5 **Title of the activity:** Knowledge Graph chair (Semantics)
Type of activity: Organiser
City of event: Leipzig, Germany
Convening entity: Semantics
Type of participation: Organiser
Start-End date: 20/09/2023 - 22/09/2023

6 **Title of the activity:** Proceedings chair (WWW)
City of event: Austin, United States of America
Convening entity: The Web Conference
Type of participation: Proceedings organiser
Start-End date: 30/04/2023 - 04/05/2023

7 **Title of the activity:** Open Summer of Code
Type of activity: Hackathon
City of event: Madrid, Spain
Convening entity: Universidad Politécnica de Madrid **Type of entity:** University
Type of participation: Organiser

Start-End date: 04/07/2022 - 22/07/2022   **Duration:** 18 days

8 **Title of the activity:** Knowledge Graph chair (K-CAP)
Convening entity: K-CAP
Type of participation: Organiser
Start-End date: 02/12/2021 - 03/12/2021

9 **Title of the activity:** Posters and demos chair (EKAW)
Type of activity: Conference track organiser
City of event: Bozen-Bolzano, Italy
Convening entity: EKAW
Type of participation: Organiser
Start-End date: 16/09/2020 - 18/09/2020

10 **Title of the activity:** The AAAI 2020 Workshop on Reproducible AI - RAI2020, co-located with AAAI 2020
Type of activity: Workshop
City of event: New York, United States of America
Type of participation: Chairman
Start-End date: 07/02/2020 - 07/02/2020

11 **Title of the activity:** FAIR Computational workflows, International FAIR Convergence Symposium 2020
Type of activity: Workshop
Type of participation: Organiser
Nº assistants: 279
Start-End date: 2020 - 2020

12 **Title of the activity:** Tutorials and workshops chair (K-CAP)
Type of activity: Conference track organiser
City of event: Los Angeles, United States of America
Convening entity: K-CAP
Type of participation: Organiser
Start-End date: 19/11/2019 - 21/11/2019

13 **Title of the activity:** Third Workshop on Capturing Scientific Knowledge, co-located with 10th International Conference on Knowledge Capture (K-CAP) 2019
Type of activity: Workshop
City of event: Los Angeles, United States of America
Type of participation: Chairman
Start-End date: 19/11/2019 - 19/11/2019

14 **Title of the activity:** Federated Knowledge Bases and the Open Knowledge Network, co-located with the 2019 Automatic Knowledge Base Construction Conference (AKBC2019)
Type of activity: Workshop
City of event: Amherst, United States of America
Type of participation: Chairman
Start-End date: 22/05/2019 - 22/05/2019

15 **Title of the activity:** Special Issue on Semantic eScience: Methods, tools and applications
Type of activity: Journal special issue organization
Start-End date: 15/11/2018 - 31/01/2019

16 **Title of the activity:** Second workshop on enabling semantic science (SemSci2018), co-located with ISWC 2018
Type of activity: Workshop
City of event: Monterrey, United States of America
Type of participation: Chairman
Start-End date: 08/10/2018 - 08/10/2018

17 **Title of the activity:** Treasurer and sponsor chair (K-CAP)
City of event: Austin, United States of America
Convening entity: K-CAP
Type of participation: Treasurer
Start-End date: 04/12/2017 - 06/12/2017

18 **Title of the activity:** Second workshop on capturing scientific knowledge (SciKnow2017), co-located with K-CAP 2017
Type of activity: Workshop
City of event: Austin, United States of America
Type of participation: Chairman
Start-End date: 04/12/2017 - 04/12/2017

19 **Title of the activity:** First workshop on enabling semantic science (SemSci2017), co-located with ISWC 2017
Type of activity: Workshop
City of event: Vienna, Austria
Type of participation: Chairman
Start-End date: 25/10/2017 - 25/10/2017

20 **Title of the activity:** Travel award coordinator (ISWC)
City of event: Kobe, Japan
Convening entity: SWSA
Type of participation: Student coordinator
Start-End date: 17/10/2016 - 21/10/2016

National and international forums and committees

1 **Name of the forum:** FAIR Metrics and Digital Objects Task Force
Organising entity: Research Data Alliance
Start-End date: 2024 - 2025

2 **Name of the forum:** Consortium of scientific software registries and repositories
Organising entity: SciCodes
Start-End date: 2023 - 2024

3 **Name of the forum:** Infrastructures for Quality Research Software
Organising entity: European Open Science Cloud
Start-End date: 2021 - 2023

4 **Name of the forum:** FAIR for Research Software
Organising entity: Research Data Alliance
Start-End date: 2020 - 2022

5 **Name of the forum:** W3C Provenance Working Group
Organising entity: World Wide Web Consortium   **Type of entity:** Standardization body
Start-End date: 2011 - 2013

6 **Name of the forum:** Dublin Core Metadata Provenance Task Group
Organising entity: Dublin Core
Start-End date: 2010 - 2012

7 **Name of the forum:** W3C Provenance Incubator Group
Organising entity: World Wide Web Consortium   **Type of entity:** Standardization body
Start-End date: 2010 - 2011

8 **Name of the forum:** FAIR for Machine Learning RDA Interest Group
Organising entity: Research Data Alliance
Start date: 2023

Evaluation and revision of R&D projects and articles

1 **Performed tasks:** Review of project proposal
Entity where activity was carried out: European Research Council (ERC)
Type of activity: Project reviewer
Start-End date: 2024 - 2024

2 **Performed tasks:** Review of three project proposals
Entity where activity was carried out: NWO-TDCC
Type of activity: Participation in panels
Start-End date: 2024 - 2024

3 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Nature Scientific Data
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2024 - 2024

4 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: PeerJ Computer Science
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2024 - 2024

5 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Semantic Web Journal
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2024 - 2024

6 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Transactions in Graph Data and Knowledge
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2024 - 2024

7   **Performed tasks:** Review of seven proposals
Entity where activity was carried out: CHIST-ERA ORD
Type of activity: Participation in panels
Start-End date: 2023 - 2023

8   **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Computing in Science and Engineering
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2023 - 2023

9   **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Data Science Journal
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2023 - 2023

10   **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Frontiers in Artificial Intelligence
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2023 - 2023

11   **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Transactions in Graph Data and Knowledge
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2023 - 2023

12   **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Semantic Web Journal
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2022 - 2022

13   **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Frontiers in Artificial Intelligence
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2021 - 2021

14   **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: International Journal of Software Engineering and Knowledge Engineering
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2021 - 2021

15   **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Journal of Biomedical Semantics
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2021 - 2021

16   **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: PeerJ Computer Science
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2021 - 2021

17 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Quantitative Science Studies
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2021 - 2021

18 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Semantic Web Journal
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2021 - 2021

19 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Data Science Journal
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2020 - 2020

20 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Journal of Web Semantics
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2020 - 2020

21 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: MethodsX
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2020 - 2020

22 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Computer Science and Engineering
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2019 - 2019

23 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Future Generation Computer Systems
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2019 - 2019

24 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Jounal of Web Semantics
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2019 - 2019

25 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Semantic Web Journal
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2019 - 2019

26 **Performed tasks:** Reviewer of three scientific articles for a special issue
Entity where activity was carried out: Semantic Web Journal
Type of activity: Review of articles in scientific or technological journals
Start-End date: 27/01/2018 - 27/01/2018

27 **Performed tasks:** Review of three project proposals
Entity where activity was carried out: Earth Sciences Information Partners (ESIP)
Type of activity: Participation in panels
Start-End date: 2018 - 2018

28 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Software: Practice and Experience
Type of activity: Review of articles in scientific or technological journals
Start-End date: 25/11/2017 - 25/11/2017

29 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Computer and Geosciences
Type of activity: Review of articles in scientific or technological journals
Start-End date: 23/09/2017 - 23/09/2017

30 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Future Generation Computer Systems
Type of activity: Review of articles in scientific or technological journals
Start-End date: 28/08/2017 - 28/08/2017

31 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Concurrency and Computation: Practice and Experience
Type of activity: Review of articles in scientific or technological journals
Start-End date: 22/05/2017 - 22/05/2017

32 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Future Generation Computer Systems
Type of activity: Review of articles in scientific or technological journals
Start-End date: 09/05/2017 - 09/05/2017

33 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Future Generation Computer Systems
Type of activity: Review of articles in scientific or technological journals
Start-End date: 23/04/2017 - 23/04/2017

34 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Open Access Information Journal
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2017 - 2017

35 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Semantic Web Journal
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2017 - 2017

36 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Data Mining and Knowledge Discovery
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2016 - 2016

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37 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Data Science Journal
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2016 - 2016

38 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: IEEE Systems Journal
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2016 - 2016

39 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: PeerJ Computer Science
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2016 - 2016

40 **Performed tasks:** Reviewer of two scientific articles
Entity where activity was carried out: Semantic Web Journal
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2016 - 2016

41 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: International Journal on Semantic Web and Information Systems
Type of activity: Review of articles in scientific or technological journals
Start-End date: 30/11/2015 - 30/11/2015

42 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: International Journal on Digital Libraries
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2015 - 2015

43 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Transaction on internet and information systems
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2015 - 2015

44 **Performed tasks:** Reviewer of two scientific articles
Entity where activity was carried out: Journal of Web Semantics
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2015 - 2015

45 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Semantic Web Journal
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2014 - 2014

46 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Transactions in Geographical Information Systems
Type of activity: Review of articles in scientific or technological journals
Start-End date: 2014 - 2014

47 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Future Generation Computer Systems
Type of activity: Review of articles in scientific or technological journals
Start-End date: 06/03/2013 - 06/03/2013

48 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Journal of Web Semantics
Type of activity: Review of articles in scientific or technological journals
Start date: 03/03/2018

49 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: IEEE Transactions on Parallel and Distributed Systems
Start date: 24/01/2017

50 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Future Generation Computer Systems
Type of activity: Review of articles in scientific or technological journals
Start date: 19/06/2016

51 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: Computers & Electrical Engineering
Type of activity: Review of articles in scientific or technological journals
Start date: 03/06/2016

52 **Performed tasks:** Reviewer of scientific article
Entity where activity was carried out: International Journal of Human-Computer Studies
Type of activity: Review of articles in scientific or technological journals
Start date: 16/07/2015

Other achievements

Stays in public or private R&D centres

1 **Entity:** Information Sciences Institute   **Type of entity:** University Research Institute
Faculty, institute or centre: University of Southern California
City of entity: Los Angeles, United States of America
Start-End date: 01/03/2014 - 01/06/2014   **Duration:** 3 months
Goals of the stay: Doctorate

2 **Entity:** Information Sciences Institute   **Type of entity:** University Research Institute
Faculty, institute or centre: University of Southern California
City of entity: Los Angeles, United States of America
Start-End date: 15/07/2013 - 15/10/2012   **Duration:** 3 months
Goals of the stay: Doctorate

3 **Entity:** Information Sciences Institute   **Type of entity:** University Research Institute
Faculty, institute or centre: University víty of Southern California
City of entity: Los Angeles, United States of America
Start-End date: 01/07/2011 - 01/10/2011   **Duration:** 3 months

Goals of the stay: Doctorate

Obtained grants and scholarships

1 **Name of the grant:** Beatriz Galindo
   Aims: Post-doctoral
   Awarding entity: Comunidad de Madrid   **Type of entity:** Government
   Conferral date: 01/03/2021   **Duration:** 4 years
   End date: 28/02/2025
   Entity where activity was carried out: Universidad Politécnica de Madrid
   Faculty, institute or centre: ETSI Informática

2 **Name of the grant:** FPU (Formación de Personal Universitario)
   Aims: Pre-doctoral
   Awarding entity: Ministerio de Ciencia e Innovación **Type of entity:** 0
   Conferral date: 2011   **Duration:** 5 years
   End date: 2015
   Entity where activity was carried out: Universidad Politécnica de Madrid
   Faculty, institute or centre: Escuela Tecnica Superior de Ingenieros Informaticos

3 **Name of the grant:** Beca OTT (Oficina de Transferencia tecnológica)
   Aims: Pre-doctoral
   Awarding entity: Universidad Politécnica de Madrid **Type of entity:** University
   Conferral date: 2009   **Duration:** 2 years
   End date: 2011
   Entity where activity was carried out: Universidad Politécnica de Madrid

Editorial councils

1 **Name of the editorial council:** Transactions of Graph Data and Knowledge
   Affiliation entity: Dagstuhl   **Type of entity:** Technological Centre
   Start date: 2023

2 **Name of the editorial council:** Special Issue on Semantic eScience: Methods, tools and applications
   Affiliation entity: Semantic Web Journal
   Start date: 2019   **Duration:** 1 year

Co-operation networks

Name of the network: Intelligent Systems for Geosciences
Identification of the network: RCN of the National Science Foundation under award number 1632211
Start date: 2017

Prizes, mentions and distinctions

1   **Description:** Best demo award at the 2021 International Semantic Web Conference
Awarding entity: ISWC
Conferral date: 28/10/2021
Recognition linked: https://iswc2021.semanticweb.org/posters-and-demos-program

2   **Description:** Best paper award at the Sixth International Conference on Internet of Things: Systems, Management and Security (IOTSMS)
Awarding entity: IOTSMS
Conferral date: 2019

3   **Description:** Best Poster award at the 2018 INCF Neuroinformatics Congress, Montreal, Canada,
Awarding entity: INCF Neuroinformatics Congress
Conferral date: 2018

4   **Description:** Best ISWC 2017 Resource paper award for the paper "Widoco, a Wizard for documenting ontologies"
Awarding entity: ISWC
Conferral date: 2017

5   **Description:** Premio extraordinario de tesis doctoral
Awarding entity: Universidad Politécnica de Madrid   **Type of entity:** University
City awarding entity: Madrid, Spain
Conferral date: 2017

6   **Description:** Mencion especial I Concurso de Datos Abiertos organized by Junta de Castilla y León
Awarding entity: Junta de Castilla y León   **Type of entity:** 0
Conferral date: 2013

7   **Description:** Triplification Challenge award
Awarding entity: Semantics
Conferral date: 2011

Obtained accreditations/recognitions

1   **Description:** R3
Accrediting entity: Agencia Nacional de Evaluación   **Type of entity:** Evaluation
de la Calidad y Acreditación
City accrediting entity: Spain
Date of recognition: 18/01/2024

2   **Description:** Ayudante doctor
Accrediting entity: Agencia Nacional de Evaluación   **Type of entity:** Evaluacion
de la Calidad y Acreditación
City accrediting entity: Spain
Date of recognition: 01/02/2023

3   **Description:** Contratado doctor
Accrediting entity: Agencia Nacional de Evaluación **Type of entity:** Evaluacion
de la Calidad y Acreditación
City accrediting entity: Spain
Date of recognition: 01/02/2023

4   **Description:** Profesor de universidad privada
Accrediting entity: Agencia Nacional de Evaluación **Type of entity:** Evaluacion
de la Calidad y Acreditación
City accrediting entity: Spain
Date of recognition: 01/02/2023

Summary of other achievements

1   **Description of the achievement:** PhD thesis external reviewer: Data Search in Practice: How to find
Scientific Datasets and link them to the Literature
Accrediting entity: University of Padua   **Type of entity:** University
Conferral date: 2024

2   **Description of the achievement:** Thesis jury: Knowledge Graph Construction and Evolution using
Declarative Mapping Languages
Accrediting entity: Universidad Politécnica de   **Type of entity:** University
Madrid
Conferral date: 2024

3   **Description of the achievement:** Invited participant of the Dagstuhl Seminar: Towards a Unified Model of
Scholarly Argumentation
Accrediting entity: Schloss Dagstuhl   **Type of entity:** Technological Centre
Conferral date: 10/2022

4   **Description of the achievement:** Invited participant of the Dagstuhl Seminar: Engineering academic
software
Accrediting entity: Schloss Dagstuhl   **Type of entity:** Technological Centre
Conferral date: 06/2016

5   **Description of the achievement:** Invited participant of the Dagstuhl Seminar: Reproducibility of Data
oriented experiments on eScience
Accrediting entity: Scholl Dagstuhl   **Type of entity:** Technological Centre
Conferral date: 01/2016

6   **Description of the achievement:** Invited participant of the Dagstuhl Seminar: Principles of Provenance
Accrediting entity: Scholl Dagstuhl   **Type of entity:** Technological Centre
Conferral date: 03/2012