

Javier A. Espinosa-Oviedo

Address: IMAG building 700 av. Centrale, 38401 Saint-Martin-d'Hères, France

Current Position

Since 09/2019 Postdoctoral Researcher • Univ. Lyon 3 Jean Moulin • France

Service Oriented Computing group

Since 2015 Associate Researcher • CNRS French-Mexican Laboratory of Informatics and

Automatic Control, Database Management group

Since 2013 Guest Researcher • Laboratory of Informatics of Grenoble • France

Distributed Data Management Systems group

Employment Background

2018-2019 Postdoctoral Researcher • Delft University of Technology • The Netherlands

Leiden-Delft-Erasmus Centre for BOLD Cities, Fac. Architecture & the Built Environment

—Urban data management for disasters relief

2015-2017 Postdoctoral Research Fellow • Barcelona Supercomputing Centre • Spain

Extreme Computing group, Computer Science department

—Stream data processing for visualizing crowds moving in real-time in urban spaces

2013-2015 Postdoctoral Researcher • French-Mexican Laboratory of Informatics and Automatic

Control (UMI CNRS LAFMIA 3175) • France

NoSQL solutions for handling Big Data Velocity and Variety

Educational Background

2009-2013 PhD in Computer Science • University of Grenoble • France

Dissertation: "Active Policy Based Reliable Data Services Coordinations" (viva: 28 October 2013). Jury: Samir Tata (president), Daniela Grigori (reviewer), Mohand-Saïd Hacid (reviewer), Khalid Belhajjame. Advisors: C. Collet, G. Vargas-Solar, J.L. Zechinelli-

Martini.

2006-2008 MSc in Computer Science • Universidad de las Américas, Puebla • Mexico

Thesis: "C-Language: a language for defining contracts" (viva: 19 December 2008).

Advisors: G. Vargas-Solar, J.L. Zechinelli-Martini.

2001-2006 BE in Computer Systems Engineering • Universidad de las Américas, Puebla • Mexico

Final project: "Taurus: Automatic service composition system for astronomical data

applications" (viva: 14 July 2007). Advisor: J.L. Zechinelli-Martini.

Recognitions of Scientific Nature

2020 - 2024 **CNU Qualification**. Recognition of the French National Council of Universities (CNU) giving access to tenured positions at French universities.

2019 - now Member of the Mexican National System of Investigators (SNI level C). Distinction awarded by the Mexican CONACyT after evaluation of candidate's scientific contributions by a scientist committee composed of recognized researchers.

2016 - now Regular member of the Mexican Academy of Computer Science (AMEXCOMP).

Membership granted after positive evaluation from the board.

Research Projects

PI = Primary Investigator. T = Technological Transfer Project.

SUMMIT

Multi-cloud services for the integration of heterogeneous data collections in multidevices environments guided by SLA's. Funding body: Rhône-Alpes-Auvergne
Region. Call reference: AAP Pack Ambition 2018. PI: Chirine Ghedira (Univ. Lyon 3).
Period: 2019-2021.

SHARED-DATA Urban Data Management for Disaster Relief in Cities. Funding body: LDE BOLD Cities 2019 Centre. Call reference: SHARED projects 2019-2023. PI: Javier Espinosa (TU Delft). Budget: 135K€

TRIPLE-A

Stimulating the Adoption of low-carbon technologies by homeowners through
increased Awareness and easy Access. Funding body: EU. Call reference:
Interreg2seas-2016. PI: Vincent Gruis (TU Delft). Period: 2017-2020

IPGH Building the history of climate change in Latin America. Funding body: IPGH. Call 2017-2018
reference: PAT-2017. Pl: Luis M. Vilches-Blázquez (U. Javeriana)

LINKSIUM

Technological transfer of the hybrid query engine HYPATIA in the context of IoT

2018

ecosystems. Funding body: SATT LINKSIUM Grenoble Alpes. PI: Genoveva VargasSOLAR (CNRS-LIG). Period: 02.05 - 30.09.2018

CONCERNS
Dealing with Crowd Distress by Building Secure Immigration Corridors. Funding
body: Microsoft Research, CONACyT. Call reference: Azure Data Science Awards
2016, CONACyT Postdoctoral Fellowship and mobility grants. PI: Javier Espinosa (BSC)

POLIWEBAnalyzing Big Data Collections Produced by Political Parties. Funding body: CNRS.
Call reference: PEPS-2014. PI: Geraldine Castel (Stendhal University)

CASES Customised Advisory Services for Energy-efficient Manufacturing Systems. Funding 2012-2016 body: EU, Call reference: FP7-PEOPLE-2011-IRSES, PI: Weidong Li (U. Coventry)

S2EUNET
Security, Services, Networking and performance of next generation IP-based
multimedia wireless Networks. Funding body: EU. Call reference: FP7-PEOPLE-2009-IRSES. PI: Prof. Frank Yong Li (UiA)

CLEVER Cloud-based Latin-American Environmental Virtual Observatory. Funding body: 2011-2013 CNRS-CAPES-ANII. Call reference: STIC-AmSud-2010, PI: Genoveva Vargas-Solar (CNRS) **OPTIMACS** Service Composition Based Framework for Optimizing Queries. Funding body: ANR. 2009-2012 Call reference: ARPEGE-2008. PI: Genoveva Vargas-Solar (CNRS) **E-CLOUDSS Building E-Government Clouds Using Distributed Semantic Services.** Funding body: 2008-2010 Microsoft Research. Call reference: LACCIR-RFP-2008. Pls: Regina Motz (UdelaR), Genoveva Vargas-Solar (CNRS), Martin Musicante (UFRN) **RED-SHINE** Reliably and Semantically Integrating Web Information by Mashing-up Data 2009-2010 Services. Funding body: Grenoble INP. Call reference: BQR-2008/9. PI: Genoveva Vargas-Solar (CNRS) **ORCHESTRA** Transactional Services Orchestration. Funding body: ECOS-ANUIES. Call reference: 2007-2011 ECOS-NORD-2017. PI: Christine Collet (Grenoble INP) **E-GROV** Electronic Government Virtual Observatory. Funding body: CONACyT-CUDI. Call 2007-2008 reference: CUDI call 2007. PI: Jose Luis Zechinelli-Martini (UDLAP)

Research Stays Abroad

2015-2016 Nanjing University of Aeronautics and Astronautics • China

Period: 01.05 to 01.06.2015; 05.07 to 02.08.2015; 15.02 to 29.02.2016 (**3 months**). Funding: EU FP7-PEOPLE-IRSES CASES project

Visiting researcher College of Mechanical and Electrical Engineering, with Prof. Dunbing Tang. During the stay we develop TigerFlow: a Service Based Flow Shop Simulator for the industry 4.0 (https://github.com/javieraespinosa/TigerFlow).

2014 Institute Polytechnic of Turin • Italy

Period: 25.05 to 24.06.2014 (1 month). Funding: EU FP7-PEOPLE-IRSES S2EUNET project.

Visiting researcher Internet Media Group (Computer Science department), were I worked in the analysis of big dataset of network data using Hadoop and produced teaching material for my course on Big Data Analytics.

2007-2008 Laboratory of Informatics of Grenoble • France

Period: 01.09.07 to 31.07.08 (11 months). Funding: CONACyT mobility grant

HADAS group Intern, where I developed activities in the context of service-oriented data management, related to my master thesis.

Scholarships and Grants

 Azure Data Science Award (\$20,000 dlls) for cloud experimentation associated to own research projects. Funding body: Microsoft Research. Period covered: 2016-2017 (12 months).

 COST Trainee Grant for the 2nd KEYSTONE Training School "Keyword search in Big Linked Data", at CiTIUS, University of Santiago de Compostela, Spain. Funding body: European Cooperation in Science and Technology (COST). Period covered: 18 to 22.07.2016.

• CONACyT Postdoctoral Fellowship for conducting research activities on data intensive architectures at the Barcelona Supercomputing Centre, Spain. Period covered: 2015-2017 (24 months).

• **CONACyT scholarship for PhD studies** at University of Grenoble, France. Period covered: **2009** 2009-2013 (48 months).

• CONACyT Mobility Grant for scientific internship in France (CONACyT beca-mixta) at Laboratory of Informatics of Grenoble, France. Period covered: 2007-2008 (11 months).

• CONACyT scholarship for master studies at Universidad de las Américas, Puebla,
Mexico. Period covered: 2006-2008 (24 months)

Languages

B=basic, G=good, P=proficiency

	Red	Written	Spoken	
Spanish	Р	Р	Р	Mother tongue
French	Р	Р	G	TCF 2009: 490 pts, B2 level
English	G	G	G	TOEFL 2008: 575 pts

Associations

- Association for Computing Machinery (ACM)
- Mexican Academy of Computer Science (AMEXCOMP)

Licensed Software

HSTREAM: Big Stream Processing on IOT environments.

Inventors: G. Vargas-Solar, J.A. Espinosa-Oviedo, C. Collet

License holder: Grenoble INP Countries covered: Europe

Granted date: Procedure undergoing in the European Agency for the Protection of

Programs (APP) www.app.asso.fr

Demo: https://github.com/javieraespinosa/hstream

Publications

In computer science, some conferences are considered as important as indexed journals. When known, journal metrics and conference rakings are provided.

	Number	
Book chapters	2	

Peer-Reviewed Journal Articles	8	2 JCRs, 1 SJR Q1
Peer-Reviewed Conference Publications	7	3 CORE:A
Peer-Reviewed Workshops	5	
Articles without external evaluation	5	

Summary of publications

Book Chapters

From Data Harvesting to Modelling and Prediction for Making Urban Territories
 Smart. G. Vargas-Solar, A.S. Castillo-Camporro, J.L. Zechinelli-Martini, J. A. Espinosa-Oviedo. Innovative Applications in Smart Cities. Advances in Smart Cities book series.

 Taylor & Francis.

Big continuous data: dealing with velocity by composing event streams. G. Vargas-Solar, J. A. Espinosa-Oviedo, and J. L. Zechinelli-Martini. Big Data Concepts, Theories and Applications, pp. 1-27, Springer, 2016, ISBN: 978-3-319-27763-9, DOI: 10.1007/978-3-319-27763-9

Citations (Scopus, 2019): 1

3. **Big Data Management: Challenges, Approaches, Tools and their limitations**. M. Adiba, J. C. Castrejón, <u>J. A. Espinosa-Oviedo</u>, G. Vargas-Solar, and J. L. Zechinelli-Martini. *Networking for Big Data*, pp. 43-55, CRC Press. ISBN: 978-1-4822-6349-7.

Peer-Reviewed Journal Articles

Analyzing digital politics: Challenges and experiments in a dual perspective. G.
 Castel, G. Vargas-Solar, J. Espinosa-Oviedo. Open Journal in Information Systems
 Engineering, 2020, vol. 1, n° 3, ISTE OpenScience, ISSN: 2634-1468., DOI: 10.21494/ISTE.OP.2020.0533.

 Using Autonomous Intelligence to Build a Smart Shop Floor. D. Tang, K. Zheng, H. Zhang, Z. Zhang, Z. Sang, T. Zhang, <u>J.-A. Espinosa-Oviedo</u>, G. Vargas-Solar. *International Journal of Advanced Manufacturing Technology* vol. 94, issue 5-8, pp 1597–1606, 2018. ISSN:0268-3768. DOI: <u>10.1007/s00170-017-0459-y</u>.

Impact Factor (JCR, 2017): 2.601 Impact Factor (CiteScore, 2018): 3.04 Impact Factor (SJR, 2017): 0.994

Quartile (SJR): Q1 Industrial and Manufacturing Eng.

Citations (Springer, 2019): 5

3. **πSOD-M:** building SOC applications in the presence of non-functional requirements. K. Belhajjame, V. de Castro, J. Espinosa-Oviedo, M. Musicante, U. Souza Da Costa, P. Souza Neto, G. Vargas-Solar and J.-L. Zechinelli-Martini. *International Journal of Web and Grid Services (IJWGS)*, vol.14 no.4, pp. 400-431, 2018. ISSN: 1741-1114. DOI:10.1504/IJWGS.2018.095660

Impact Factor (JCR, 2017): 1.071 (5-Year 0.853)

Impact Factor (SJR, 2018): 0.21

Quartile (SJR): Q3: Computer, Networks and Comm.

Big data management: what to keep from the past to face future challenges? G. Vargas-Solar, J. L. Zechinelli-Martini, and <u>J. A. Espinosa-Oviedo</u>. *Data Science and Engineering*, vol. 2, no. 328, pp. 328-345, 2017. ISSN: 2364-1541. DOI: 10.1007/s41019-017-0043-3

Impact Factor/Quartile: Not available yet

Citations (Springer, 2019): 8

2018

Modelling Crowds in Urban Spaces. I. Rudomín, G. Vargas-Solar, J. A. Espinosa-Oviedo, H. Pérez, and J. L. Zechinelli-Martini. Computación y Sistemas, vol. 21, no. 1, pp. 57–66, 2017. ISSN: 1405-5546. DOI:10.13053/CyS-21-1-2584. Impact Factor (CiteScore, 2017): 0.53 Impact Factor (SJR, 2017): 0.226 Quartile (SJR): Q3: Computer Science Citations (Scopus, 2019): 1
 Humanitarian Logistics and Cultural Diversity within Crowd Simulation. C. A. Ochoa Zezzatti, I. Rudomin, G. Vargas-Solar, J. A. Espinosa-Oviedo, H. Pérez, and J.-L. Zechinelli-Martini. Computación y Sistemas, vol. 21, no. 1, pp. 7–21, 2017. ISSN: 1405-5546. DOI:10.13053/CyS-21-1-2583.

1405-5546. DOI: 10.13053/CyS-21-1-2583. Impact Factor (CiteScore, 2017): 0.53 Impact Factor (SJR, 2017): 0.226 Quartile (SJR): Q3: Computer Science

Citations (Scopus, 2019): 4

Optimizing Data Processing Service Compositions Using SLA's. G. Vargas-Solar, J.-L.
 Zechinelli-Martini, and J.-A. Espinosa-Oviedo. Polibits, vol. 53, pp. 65–75, 2016, ISSN: 1870-9044. DOI: http://dx.doi.org/10.17562/PB-53-7.

CONACyT index (2019): C

Quartile/area: Ciencia y Tecnología, Computación

8. **Reliable Web Services Composition: An MDD Approach**. G. Vargas-Solar, V. de Castro, P. A. de Souza Neto, <u>J. A. Espinosa-Oviedo</u>, E. Marcos, M. A. Musicante, J.-L. Zechinelli-Martini, and C. Collet. *Polibits*, vol. 49, no. 1, pp. 17-27, 2014. ISSN: 1870-9044.

CONACyT index (2019): C

Quartile/area: Ciencia y Tecnología, Computación

Peer-Reviewed Conference Publications

(Demo) Demonstrating data collections curation and exploration with CURARE.
 G. Vargas-Solar, G. Kemp, I. Hernandez Gallegos, J-A. Espinosa-Oviedo, C. Ferrera da Silva and P. Ghodous. In Proc. 22nd Int. Conf. on Extending Database Technology (EDBT'19): Demo session, Lisbon, Portugal, March 26-29, 2019, pp. 598-601, OpenProceedings.org, 2019. ISBN: 978-3-89318-081-3. DOI: 10.5441/002/edbt.2019.65.

Conference Rank (2019): CORE:A, LiveSHINE:A, GGS:A MicrosoftAcademic:A+

- (Poster) Automating systematic mappings, adding quality to quantity. R. Motz, G. Vargas-Solar, U. Souza Da Costa, J. A. Espinosa-Oviedo, Martin A. Musicante, J. L. Zechinelli-Martini, A. Pardo. In Proc. 39th Int. Conf. on Software Engineering (ICSE'17): Poster Track "Empirical Studies", Buenos Aires, Argentina, 20-28 May 2017, pp. 167-168, ISBN: 978-1-5386-1589-8, DOI: https://doi.org/10.1109/ICSE-C.2017.111
- Using Autonomous Intelligence to Build a Smart Shop Floor. D. Tang, K. Zheng, H. Zhang, Z. Sang, Z. Zhang, C. Xu, J. A. Espinosa-Oviedo, G. Vargas- Solar, and J.-L. Zechinelli-Martini. In Proc. 9th Int. Conf. on Digital Enterprise Technology (DET'16), vol. 56, pp. 354–359, Elsevier, ISSN: 2212-8271, DOI: https://doi.org/10.1016/j.procir.2016.10.039

Citations (Scopus, 2019): 1

Comparing Electoral Campaigns by Analysing Online Data. J. A. Espinosa-Oviedo, G. Vargas-Solar, V. Alexandrov, and G. Castel. In Proc. Int. Conf. on Computational Science (ICCS'16), 6-8 June 2016, San Diego, California, USA, vol. 80, Elsevier, pp. 1865–1874. ISSN: 1877-0509. DOI: 10.1016/j.procs.2016.05.480
 Conference Rank (2019): CORE:A, LiveSHINE:B, GGS: B

Citations (Scopus, 2019): 1

2017

	5.	(Poster) Policy Driven Services Coordination for Building Social Networks Based	2011
		Applications. J. A. Espinosa-Oviedo, G. Vargas-Solar, J. L. Zechinelli-Martini, and C.	
		Collet. In Proc. Int. Conf. on Services Computing (SCC'11): Work in Progress Track, 4-	
		9 July 2011, Washington, DC, USA, IEEE, pp. 753-754. ISBN: 978-1-4577-0863-3, DOI:	
		https://doi.org/10.1109/SCC.2011.40	
		Conference Rank (2019): CORE:A, LiveSHINE:A, GGS:A, MicrosoftAcademic:B	
		Citations (Scopus, 2019): 2	
*	6.	(Poster) Non-functional properties and services coordination using contracts. J. A.	2009
	Ů.	Espinosa-Oviedo, G. Vargas-Solar, JL. Zechinelli-Martini, and C. Collet. In Proc. 13th	
		Int. Database Engineering & Applications Symp. (IDEAS'19), 16-18 Sept.	
		2009, Cetraro, Italy, ACM, pp. 307-310. ISBN: 978-1-60558-402-7. DOI:	
		https://doi.org/10.1145/1620432.1620467	
		Conference Rank (2019): CORE:B, LiveSHINE:B, GGS:B, MicrosoftAcademic:B-	
	7	Citations (ACM): 1	
	7.	Securely coordinating services using contracts. J. A. Espinosa-Oviedo, G. Vargas-	
		Solar, J. L. Zechinelli-Martini, and C. Collet. In Proc. IEEE Mexican Int. Conf. on	
		Computer Science (ENC'09), Mexico City, Mexico, 21-25 Sept. 2009, pp. 307-314,	
		ISBN: 978-1-4244-5258-3, DOI: https://doi.org/10.1109/ENC.2009.20	
		Conference Rank (2019): CORE:C, MicrosoftAcademic:C	
	8.	Construire des applications fiables à base de services mobiles. A. Portilla, T. Hanh,	2008
		J.A. Espinosa-Oviedo, C. Collet, G. Vargas-Solar. In Proc. of the 4th French-speaking	
		conference on Mobility and ubiquity computing (UbiMob'08). Saint Malo, France,	
		May 28-30, 2008, pp. 57-64, ACM, 2008. ISBN: 978-1-59593-980-7. DOI:	
		<u>10.1145/1376971.1376983</u> .	
		Neighbourhood Economy while Maximising Well hoing A.S. Castillo Camparro, I.I.	2020
		Neighbourhood Economy while Maximising Well-being. A.S. Castillo-Camporro, J.L. Zechinelli-Martini, J.A. Espinosa-Oviedo. In Service-Oriented Computing – ICSOC 2019 Workshops: WESOACS, ASOCA, ISYCC, TBCE, and STRAPS, Toulouse, France, October 28-31, 2019, pp. 213–223, LNCS, Springer, 2020. DOI: https://doi.org/10.1007/978-3-030-45989-5 17	2020
	2.	Zechinelli-Martini, J.A. Espinosa-Oviedo. In Service-Oriented Computing – ICSOC 2019 Workshops: WESOACS, ASOCA, ISYCC, TBCE, and STRAPS, Toulouse, France, October 28-31, 2019, pp. 213–223, LNCS, Springer, 2020. DOI: https://doi.org/10.1007/978-3-030-45989-5 17 Computing Query Sets for Better Exploring Raw Data Collections. G. Vargas-Solar,	2018
	2.	Zechinelli-Martini, J.A. Espinosa-Oviedo. In Service-Oriented Computing – ICSOC 2019 Workshops: WESOACS, ASOCA, ISYCC, TBCE, and STRAPS, Toulouse, France, October 28-31, 2019, pp. 213–223, LNCS, Springer, 2020. DOI: https://doi.org/10.1007/978-3-030-45989-5 17 Computing Query Sets for Better Exploring Raw Data Collections. G. Vargas-Solar, J-L. Zechinelli-Martini and J-A. Espinosa-Oviedo. In Proc. 13th Int. Workshop on	
	2.	Zechinelli-Martini, J.A. Espinosa-Oviedo. In Service-Oriented Computing – ICSOC 2019 Workshops: WESOACS, ASOCA, ISYCC, TBCE, and STRAPS, Toulouse, France, October 28-31, 2019, pp. 213–223, LNCS, Springer, 2020. DOI: https://doi.org/10.1007/978-3-030-45989-5 17 Computing Query Sets for Better Exploring Raw Data Collections. G. Vargas-Solar, J-L. Zechinelli-Martini and J-A. Espinosa-Oviedo. In Proc. 13th Int. Workshop on Semantic and Social Media Adaptation and Personalization (SMAP'18), Zaragoza,	
	2.	Zechinelli-Martini, J.A. Espinosa-Oviedo. In Service-Oriented Computing – ICSOC 2019 Workshops: WESOACS, ASOCA, ISYCC, TBCE, and STRAPS, Toulouse, France, October 28-31, 2019, pp. 213–223, LNCS, Springer, 2020. DOI: https://doi.org/10.1007/978-3-030-45989-5 17 Computing Query Sets for Better Exploring Raw Data Collections. G. Vargas-Solar, J-L. Zechinelli-Martini and J-A. Espinosa-Oviedo. In Proc. 13th Int. Workshop on Semantic and Social Media Adaptation and Personalization (SMAP'18), Zaragoza, Spain, 6-7 Sept., 2018, IEEE, pp. 99-104. ISBN: 978-1-5386-8225-8. DOI:	
	2.	Zechinelli-Martini, J.A. Espinosa-Oviedo. In Service-Oriented Computing – ICSOC 2019 Workshops: WESOACS, ASOCA, ISYCC, TBCE, and STRAPS, Toulouse, France, October 28-31, 2019, pp. 213–223, LNCS, Springer, 2020. DOI: https://doi.org/10.1007/978-3-030-45989-5 17 Computing Query Sets for Better Exploring Raw Data Collections. G. Vargas-Solar, J-L. Zechinelli-Martini and J-A. Espinosa-Oviedo. In Proc. 13th Int. Workshop on Semantic and Social Media Adaptation and Personalization (SMAP'18), Zaragoza, Spain, 6-7 Sept., 2018, IEEE, pp. 99-104. ISBN: 978-1-5386-8225-8. DOI: https://doi.org/10.1109/SMAP.2018.8501871	
		Zechinelli-Martini, J.A. Espinosa-Oviedo. In Service-Oriented Computing – ICSOC 2019 Workshops: WESOACS, ASOCA, ISYCC, TBCE, and STRAPS, Toulouse, France, October 28-31, 2019, pp. 213–223, LNCS, Springer, 2020. DOI: https://doi.org/10.1007/978-3-030-45989-5 17 Computing Query Sets for Better Exploring Raw Data Collections. G. Vargas-Solar, J-L. Zechinelli-Martini and J-A. Espinosa-Oviedo. In Proc. 13th Int. Workshop on Semantic and Social Media Adaptation and Personalization (SMAP'18), Zaragoza, Spain, 6-7 Sept., 2018, IEEE, pp. 99-104. ISBN: 978-1-5386-8225-8. DOI: https://doi.org/10.1109/SMAP.2018.8501871 Conference Rank (2019): LiveSHINE:C	2018
	2.	Zechinelli-Martini, J.A. Espinosa-Oviedo. In Service-Oriented Computing – ICSOC 2019 Workshops: WESOACS, ASOCA, ISYCC, TBCE, and STRAPS, Toulouse, France, October 28-31, 2019, pp. 213–223, LNCS, Springer, 2020. DOI: https://doi.org/10.1007/978-3-030-45989-5_17 Computing Query Sets for Better Exploring Raw Data Collections. G. Vargas-Solar, J-L. Zechinelli-Martini and J-A. Espinosa-Oviedo. In Proc. 13th Int. Workshop on Semantic and Social Media Adaptation and Personalization (SMAP'18), Zaragoza, Spain, 6-7 Sept., 2018, IEEE, pp. 99-104. ISBN: 978-1-5386-8225-8. DOI: https://doi.org/10.1109/SMAP.2018.8501871 Conference Rank (2019): LiveSHINE:C Correlating digital footprints for discovering social connections in crowds. J.	
		Zechinelli-Martini, J.A. Espinosa-Oviedo. In Service-Oriented Computing – ICSOC 2019 Workshops: WESOACS, ASOCA, ISYCC, TBCE, and STRAPS, Toulouse, France, October 28-31, 2019, pp. 213–223, LNCS, Springer, 2020. DOI: https://doi.org/10.1007/978-3-030-45989-5 17 Computing Query Sets for Better Exploring Raw Data Collections. G. Vargas-Solar, J-L. Zechinelli-Martini and J-A. Espinosa-Oviedo. In Proc. 13th Int. Workshop on Semantic and Social Media Adaptation and Personalization (SMAP'18), Zaragoza, Spain, 6-7 Sept., 2018, IEEE, pp. 99-104. ISBN: 978-1-5386-8225-8. DOI: https://doi.org/10.1109/SMAP.2018.8501871 Conference Rank (2019): LiveSHINE:C Correlating digital footprints for discovering social connections in crowds. J. Espinosa-Oviedo , G. Vargas-Solar, V. Alexandrov, J. Zechinelli-Martini. In Proc. 1st	2018
		Zechinelli-Martini, J.A. Espinosa-Oviedo. In Service-Oriented Computing – ICSOC 2019 Workshops: WESOACS, ASOCA, ISYCC, TBCE, and STRAPS, Toulouse, France, October 28-31, 2019, pp. 213–223, LNCS, Springer, 2020. DOI: https://doi.org/10.1007/978-3-030-45989-5 17 Computing Query Sets for Better Exploring Raw Data Collections. G. Vargas-Solar, J-L. Zechinelli-Martini and J-A. Espinosa-Oviedo. In Proc. 13th Int. Workshop on Semantic and Social Media Adaptation and Personalization (SMAP'18), Zaragoza, Spain, 6-7 Sept., 2018, IEEE, pp. 99-104. ISBN: 978-1-5386-8225-8. DOI: https://doi.org/10.1109/SMAP.2018.8501871 Conference Rank (2019): LiveSHINE:C Correlating digital footprints for discovering social connections in crowds. J. Espinosa-Oviedo , G. Vargas-Solar, V. Alexandrov, J. Zechinelli-Martini. In Proc. 1st Int. workshop on Data Analytics solutions for Real-Life Applications (DARLI-AP'17) in	2018
		Zechinelli-Martini, J.A. Espinosa-Oviedo. In Service-Oriented Computing – ICSOC 2019 Workshops: WESOACS, ASOCA, ISYCC, TBCE, and STRAPS, Toulouse, France, October 28-31, 2019, pp. 213–223, LNCS, Springer, 2020. DOI: https://doi.org/10.1007/978-3-030-45989-5 17 Computing Query Sets for Better Exploring Raw Data Collections. G. Vargas-Solar, J-L. Zechinelli-Martini and J-A. Espinosa-Oviedo. In Proc. 13th Int. Workshop on Semantic and Social Media Adaptation and Personalization (SMAP'18), Zaragoza, Spain, 6-7 Sept., 2018, IEEE, pp. 99-104. ISBN: 978-1-5386-8225-8. DOI: https://doi.org/10.1109/SMAP.2018.8501871 Conference Rank (2019): LiveSHINE:C Correlating digital footprints for discovering social connections in crowds. J. Espinosa-Oviedo , G. Vargas-Solar, V. Alexandrov, J. Zechinelli-Martini. In Proc. 1st Int. workshop on Data Analytics solutions for Real-Life Applications (DARLI-AP'17) in conjunction with the 3rd Int. Conf. Smart Data, Exeter, U.K., 21-23 Jun, 2017, IEEE,	2018
		Zechinelli-Martini, J.A. Espinosa-Oviedo. In Service-Oriented Computing – ICSOC 2019 Workshops: WESOACS, ASOCA, ISYCC, TBCE, and STRAPS, Toulouse, France, October 28-31, 2019, pp. 213–223, LNCS, Springer, 2020. DOI: https://doi.org/10.1007/978-3-030-45989-5 17 Computing Query Sets for Better Exploring Raw Data Collections. G. Vargas-Solar, J-L. Zechinelli-Martini and J-A. Espinosa-Oviedo. In Proc. 13th Int. Workshop on Semantic and Social Media Adaptation and Personalization (SMAP'18), Zaragoza, Spain, 6-7 Sept., 2018, IEEE, pp. 99-104. ISBN: 978-1-5386-8225-8. DOI: https://doi.org/10.1109/SMAP.2018.8501871 Conference Rank (2019): LiveSHINE:C Correlating digital footprints for discovering social connections in crowds. J. Espinosa-Oviedo , G. Vargas-Solar, V. Alexandrov, J. Zechinelli-Martini. In Proc. 1st Int. workshop on Data Analytics solutions for Real-Life Applications (DARLI-AP'17) in	2018
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		Zechinelli-Martini, J.A. Espinosa-Oviedo. In Service-Oriented Computing – ICSOC 2019 Workshops: WESOACS, ASOCA, ISYCC, TBCE, and STRAPS, Toulouse, France, October 28-31, 2019, pp. 213–223, LNCS, Springer, 2020. DOI: https://doi.org/10.1007/978-3-030-45989-5 17 Computing Query Sets for Better Exploring Raw Data Collections. G. Vargas-Solar, J-L. Zechinelli-Martini and J-A. Espinosa-Oviedo. In Proc. 13th Int. Workshop on Semantic and Social Media Adaptation and Personalization (SMAP'18), Zaragoza, Spain, 6-7 Sept., 2018, IEEE, pp. 99-104. ISBN: 978-1-5386-8225-8. DOI: https://doi.org/10.1109/SMAP.2018.8501871 Conference Rank (2019): LiveSHINE:C Correlating digital footprints for discovering social connections in crowds. J. Espinosa-Oviedo, G. Vargas-Solar, V. Alexandrov, J. Zechinelli-Martini. In Proc. 1st Int. workshop on Data Analytics solutions for Real-LIfe Applications (DARLI-AP'17) in conjunction with the 3rd Int. Conf. Smart Data, Exeter, U.K., 21-23 Jun, 2017, IEEE, pp. 1130-1135, 2018, ISBN: 978-1-5386-3066-2 DOI:	2018
	3.	Zechinelli-Martini, J.A. Espinosa-Oviedo. In Service-Oriented Computing – ICSOC 2019 Workshops: WESOACS, ASOCA, ISYCC, TBCE, and STRAPS, Toulouse, France, October 28-31, 2019, pp. 213–223, LNCS, Springer, 2020. DOI: https://doi.org/10.1007/978-3-030-45989-5 17 Computing Query Sets for Better Exploring Raw Data Collections. G. Vargas-Solar, J-L. Zechinelli-Martini and J-A. Espinosa-Oviedo. In Proc. 13th Int. Workshop on Semantic and Social Media Adaptation and Personalization (SMAP'18), Zaragoza, Spain, 6-7 Sept., 2018, IEEE, pp. 99-104. ISBN: 978-1-5386-8225-8. DOI: https://doi.org/10.1109/SMAP.2018.8501871 Conference Rank (2019): LiveSHINE:C Correlating digital footprints for discovering social connections in crowds. J. Espinosa-Oviedo, G. Vargas-Solar, V. Alexandrov, J. Zechinelli-Martini. In Proc. 1st Int. workshop on Data Analytics solutions for Real-LIfe Applications (DARLI-AP'17) in conjunction with the 3rd Int. Conf. Smart Data, Exeter, U.K., 21-23 Jun, 2017, IEEE, pp. 1130-1135, 2018, ISBN: 978-1-5386-3066-2 DOI: https://doi.org/10.1109/iThings-GreenCom-CPSCom-SmartData.2017.173	2018 2017
	3.	Zechinelli-Martini, J.A. Espinosa-Oviedo. In Service-Oriented Computing – ICSOC 2019 Workshops: WESOACS, ASOCA, ISYCC, TBCE, and STRAPS, Toulouse, France, October 28-31, 2019, pp. 213–223, LNCS, Springer, 2020. DOI: https://doi.org/10.1007/978-3-030-45989-5 17 Computing Query Sets for Better Exploring Raw Data Collections. G. Vargas-Solar, J-L. Zechinelli-Martini and J-A. Espinosa-Oviedo. In Proc. 13th Int. Workshop on Semantic and Social Media Adaptation and Personalization (SMAP'18), Zaragoza, Spain, 6-7 Sept., 2018, IEEE, pp. 99-104. ISBN: 978-1-5386-8225-8. DOI: https://doi.org/10.1109/SMAP.2018.8501871 Conference Rank (2019): LiveSHINE:C Correlating digital footprints for discovering social connections in crowds. J. Espinosa-Oviedo, G. Vargas-Solar, V. Alexandrov, J. Zechinelli-Martini. In Proc. 1st Int. workshop on Data Analytics solutions for Real-LIfe Applications (DARLI-AP'17) in conjunction with the 3rd Int. Conf. Smart Data, Exeter, U.K., 21-23 Jun, 2017, IEEE, pp. 1130-1135, 2018, ISBN: 978-1-5386-3066-2 DOI: https://doi.org/10.1109/iThings-GreenCom-CPSCom-SmartData.2017.173 Unmarrying non-functional properties and services coordination using contracts. J.	2018 2017
	3.	Zechinelli-Martini, J.A. Espinosa-Oviedo. In Service-Oriented Computing – ICSOC 2019 Workshops: WESOACS, ASOCA, ISYCC, TBCE, and STRAPS, Toulouse, France, October 28-31, 2019, pp. 213–223, LNCS, Springer, 2020. DOI: https://doi.org/10.1007/978-3-030-45989-5_17 Computing Query Sets for Better Exploring Raw Data Collections. G. Vargas-Solar, J-L. Zechinelli-Martini and J-A. Espinosa-Oviedo. In Proc. 13th Int. Workshop on Semantic and Social Media Adaptation and Personalization (SMAP'18), Zaragoza, Spain, 6-7 Sept., 2018, IEEE, pp. 99-104. ISBN: 978-1-5386-8225-8. DOI: https://doi.org/10.1109/SMAP.2018.8501871 Conference Rank (2019): LiveSHINE:C Correlating digital footprints for discovering social connections in crowds. J. Espinosa-Oviedo, G. Vargas-Solar, V. Alexandrov, J. Zechinelli-Martini. In Proc. 1st Int. workshop on Data Analytics solutions for Real-LIfe Applications (DARLI-AP'17) in conjunction with the 3rd Int. Conf. Smart Data, Exeter, U.K., 21-23 Jun, 2017, IEEE, pp. 1130-1135, 2018, ISBN: 978-1-5386-3066-2 DOI: https://doi.org/10.1109/iThings-GreenCom-CPSCom-SmartData.2017.173 Unmarrying non-functional properties and services coordination using contracts. J. A. Espinosa-Oviedo, G. Vargas-Solar, J. L. Zechinelli-Martini, and C. Collet. In Proc.	2018 2017
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	3.	Zechinelli-Martini, J.A. Espinosa-Oviedo. In Service-Oriented Computing – ICSOC 2019 Workshops: WESOACS, ASOCA, ISYCC, TBCE, and STRAPS, Toulouse, France, October 28-31, 2019, pp. 213–223, LNCS, Springer, 2020. DOI: https://doi.org/10.1007/978-3-030-45989-5 17 Computing Query Sets for Better Exploring Raw Data Collections. G. Vargas-Solar, J-L. Zechinelli-Martini and J-A. Espinosa-Oviedo. In Proc. 13th Int. Workshop on Semantic and Social Media Adaptation and Personalization (SMAP'18), Zaragoza, Spain, 6-7 Sept., 2018, IEEE, pp. 99-104. ISBN: 978-1-5386-8225-8. DOI: https://doi.org/10.1109/SMAP.2018.8501871 Conference Rank (2019): LiveSHINE:C Correlating digital footprints for discovering social connections in crowds. J. Espinosa-Oviedo, G. Vargas-Solar, V. Alexandrov, J. Zechinelli-Martini. In Proc. 1st Int. workshop on Data Analytics solutions for Real-LIfe Applications (DARLI-AP'17) in conjunction with the 3rd Int. Conf. Smart Data, Exeter, U.K., 21-23 Jun, 2017, IEEE, pp. 1130-1135, 2018, ISBN: 978-1-5386-3066-2 DOI: https://doi.org/10.1109/iThings-GreenCom-CPSCom-SmartData.2017.173 Unmarrying non-functional properties and services coordination using contracts. J. A. Espinosa-Oviedo, G. Vargas-Solar, J. L. Zechinelli-Martini, and C. Collet. In Proc. 1st ACM Int. Workshop on Model Driven Service Eng. and Data Quality and Security (MoSE+DQS'09), Hong Kong, China, 6 Nov 2009, ACM, pp. 61-64, ISBN: 978-1-	2018 2017
	 4. 	Zechinelli-Martini, J.A. Espinosa-Oviedo. In Service-Oriented Computing – ICSOC 2019 Workshops: WESOACS, ASOCA, ISYCC, TBCE, and STRAPS, Toulouse, France, October 28-31, 2019, pp. 213–223, LNCS, Springer, 2020. DOI: https://doi.org/10.1007/978-3-030-45989-5 17 Computing Query Sets for Better Exploring Raw Data Collections. G. Vargas-Solar, J-L. Zechinelli-Martini and J-A. Espinosa-Oviedo. In Proc. 13th Int. Workshop on Semantic and Social Media Adaptation and Personalization (SMAP'18), Zaragoza, Spain, 6-7 Sept., 2018, IEEE, pp. 99-104. ISBN: 978-1-5386-8225-8. DOI: https://doi.org/10.1109/SMAP.2018.8501871 Conference Rank (2019): LiveSHINE:C Correlating digital footprints for discovering social connections in crowds. J. Espinosa-Oviedo, G. Vargas-Solar, V. Alexandrov, J. Zechinelli-Martini. In Proc. 1st Int. workshop on Data Analytics solutions for Real-LIfe Applications (DARLI-AP'17) in conjunction with the 3rd Int. Conf. Smart Data, Exeter, U.K., 21-23 Jun, 2017, IEEE, pp. 1130-1135, 2018, ISBN: 978-1-5386-3066-2 DOI: https://doi.org/10.1109/iThings-GreenCom-CPSCom-SmartData.2017.173 Unmarrying non-functional properties and services coordination using contracts. J. A. Espinosa-Oviedo, G. Vargas-Solar, J. L. Zechinelli-Martini, and C. Collet. In Proc. 1st ACM Int. Workshop on Model Driven Service Eng. and Data Quality and Security (MoSE+DQS'09), Hong Kong, China, 6 Nov 2009, ACM, pp. 61-64, ISBN: 978-1-60558-816-2, DOI: https://doi.org/10.1145/1651415.1651427	2018

with the *24th Int. Conf. on Data Engineering* (*ICDE'08*), April 7-12, 2008, Cancun, Mexico, IEEE, pp. 121-128. ISBN: 978-1-4244-2161-9, DOI: 10.1109/ICDEW.2008.4498303

Articles without External Evaluation

- 1. (Abstract) Building dynamic cards for monitoring building environments behavior and reconstruction in disasters: A data centric perspective. G. Vargas-Solar, A. Koutamanis, J.A. Espinosa-Oviedo. 10th Conf. Int. Society for Integrated Disaster Risk Management (IDRiM'19), Nice, France, 16-18th October 2019.
 - 2017

 Supporting Real-Time Visual Analytics in Neuroscience. E. Arriaga-Varela, J. A.

 Espinosa-Oviedo, G. Vargas-Solar, R. Dávila Pérez. In Book of abstracts 4th BSC

 Severo Ochoa Doctoral Symposium, Barcelona, Spain, 2-4th May 2017, Barcelona
 Supercomputing Centre, pp. 71–72.
- Comparing electoral campaigns by analysing online data. J.A. Espinosa-Oviedo, G. Vargas-Solar, V. Alexandrov, G. Castel. In Book of abstracts 3rd BSC International Doctoral Symposium, Barcelona, Spain, 4-6th May 2016, Barcelona Supercomputing Centre, pp. 61-62.
 - 4. **Crowd simulation and visualization**. H. Perez, I. Rudomin, E. Ayguadé Parra, B. Hernandez, <u>J. A. Espinosa-Oviedo</u>, and G. Vargas-Solar. In Book of abstracts *3rd BSC International Doctoral Symposium*, Barcelona, Spain, 4-6th May 2016, Barcelona Supercomputing Centre, pp. 98–100
 - Efficient and versatile data analytics for deep networks. D. Garcia-Gasulla, J. Moreno-Vázquez, J.A. Espinosa-Oviedo, J. Conejero, G. Vargas-Solar, R.M. Badia, U. Cortés, T. Suzumura. In Book of abstracts 3rd BSC International Doctoral Symposium, Barcelona, Spain, 4-6th May 2016, Barcelona Supercomputing Centre, pp. 72-73.
- * Presented in conference

Teaching Experience

All teaching material is available at http://espinosa-oviedo.com/teaching.

Туре	Institution	Country	Total Hours
Master	UPMF	France	66
Master	UdelaR	Uruguay	45
Master	Grenoble INP	France	28
Undergraduate	UPMF	France	6
Undergraduate	IUT1 Grenoble	France	20
Tutorial	BSC	Spain	19
Tutorial	ISUM'18 Conference	Mexico	12
Tutorial	2nd FR-BR School on Smart Cities	Brazil	3

Summary. Total volume of teaching activities per institutions

Courses

Institution	Course	Program	Year	Students	Hours
Barcelona			2018	45	5P
Supercomputing Centre •	Big Data Visualization	Big Data Analytics PRACE Advance Training program	2017	47	7P
Spain	Visualization		2016	23	4P
	Big Data		2017	41	8P
	Management		2016	27	8P

Grenoble INP •		Master Electrical engineering for Smart Grids and Buildings, ENSE3 ¹	2015	32	8P
France		3rd year engineering school ENSIMAG ² . Big Data track	2014 2013	20 42	6P 6P
UdelaR •	Big Data Analytics and Visualization	ytics and Master Pedeciba-Informática		7	10T+10P
Uruguay	Big Data		2015	13	10T+10P
	Analytics		2014	27	15P
IUT1 Grenoble • France	Development of Mobile and Web Service Applications	Licence Professionnelle Réseaux et Télécommunications. Spécialité Services Mobiles et Interface Nomad	2015	12	10T+10P
UDLAP • Mexico	Big Data Visualization	Supercomputing Education Program	2016	15	4P
	Languages and	Master 1, IC2A ³ program, WIC ⁴	2015	32	6T+12P
	Technologies of the Web 2	track	2014	30	6T+12P
UPMF • France	Introduction to Web Technologies	Licence 3, MIASHS ⁵ program	2014	6	4T+2P
	Digital Multimedia	Master 2, IC2A program, WIC track	2013	15	12T+12P

T/P = Theory/Practice

Tutorials (single edition)

Course	Event	Year	Students	Hours
Data Processing and Querying at Scale using Big Data Analytics Stacks	9th International Supercomputing Conference in Mexico (ISUM'18), 3-6th March 2018, Merida, Mexico.	2018	7	12P
Visualizing Big Urban Data	2nd French-Brazilian School on Big Data & Smart Cities. 8-10th Nov. 2017, Natal, Brazil.	2017	30	3P
Scientific Visualization of Big Data	3rd BSC Int. Doctoral Symposium, 4-6th May 2016, Barcelona, Spain	2016	10	3P

Students Mentoring

PhD	Master	Undergraduate

¹ École Nationale Supérieure de l'Énergie, l'Eau et l'Environnement

² École Nationale Supérieure d'Informatique et Mathématiques Appliquées

³ Ingénierie de la Cognition, de la Création et des Apprentissages

⁴ Web, Informatique et Connaissance

⁵ Mathématiques et Informatique Appliquées aux Sciences Humaines et Sociales

Students	1	8	9
Implication	50%	2 x 70%	9 x 70%
		2 x 45%	
		3 x 30%	
		1 x 50%	

PhD

 (Undergoing) MEHRDAD FAROKHNEJAD. Defining human guided data collections exploration for modelling complex systems: supporting urban spaces design. University of Grenoble-Alpes. Mentors: G. Vargas-Solar, J. Espinosa (involvement 50%). Funded by the National Council of Science and Technology of Iran.

Master

- (Undergoing) HUGO SANTILLAN VILLICAÑA. Integration of medical data in multi-cloud environments guided by SLAs. Universidad Autónoma de Guadalajara, 2019. Mentors: G. Vargas-Solar, J. Espinosa (involvement 50%).
- IRIS RUYSCH. Paving the way for autonomous cars: Current projects and challenges in the Netherlands. Delft University of Technology, 2019. Mentors: A. Ersoy, J. Espinosa (involved 70%).
- MAYSAA KHALIL. GREENHOME: Household Energy Consumption & Co2 Footprint Metering Environment. ENSE3-Grenoble INP. Supervisors: G. Vargas-Solar, R. Caire, J. Espinosa (involvement 30%).
- IRVING HERNANDEZ GALLEGOS. **Data collections curation and exploration with CURARE**. Universidad Autónoma de Guadalajara, 2018. Mentors: G. Vargas-Solar, J. Espinosa (**involvement 30%**).
- SANTIAGO RUÍZ ANGULO. **Analysis of climate change in LATAM by processing historical newspapers,** Universidad Autónoma de Guadalajara, 2017. Mentors: R. Davila, G. Vargas-Solar, J. Espinosa (involvement 45%). https://github.com/javieraespinosa/ipgh-lab
- ENRIQUE ARRIAGA VARELA. Discovering patterns from streams for supporting real-time decision-making during neuroscience experiments. Universidad Autónoma de Guadalajara, 2017.
 Mentors: R. Davila, G. Vargas-Solar, J. Espinosa (involvement 45%).
 https://github.com/javieraespinosa/hstream
- PEDROPABLO LOPEZ AMAYA. Collection and storage of transport data (Acquisition et stockage des données du transport), Université Claude Bernard Lyon 1, 2015. Mentors: F. Da Silva, P. Ghodous, G. Vargas-Solar, J. Espinosa (involvement 30%).
- XIAOHU TANG, TigerFlow: a smart Shop Floor simulator for the Industry 4.0. University of Nanjing, China. Mentors: G. Vargas-Solar, J. Espinosa (involvement 70%). https://github.com/javieraespinosa/TigerFlow

Undergraduate

- CLÉMENT QUÉRÉ. **Analyzing Gender Gap in Stem**. IUT Lannion, 2019. Mentors: L. D'Orazio, K. Gibert, G. Vargas-Solar, J. Espinosa (**involvement 50%**).
- HÉLÈNE BESANÇON, SYLVAIN BOUVET, CLÉA BROSSARD, THIBAUT FOURRIER. Collection and storage of online data produced during the 2014 European Elections. Projet de spécialité, ENSIMAG, Grenoble INP, 2014. Mentors: G. Vargas-Solar, J. Espinosa (involvement 70%).
- OCEANE DE LOITIERE, BASTIEN DROCOURT, MANON LUCAS. System for exploring the 2014 European Elections collected data. Projet de spécialité, ENSIMAG, Grenoble INP, 2014. Mentors: G. Vargas-Solar, J. Espinosa (involvement 70%).
- VAELLO TORREGROSA BRAULIO. **Building a mashup environment for integrating data services**. ENSIMAG, Grenoble INP, 2011. Mentors: G. Vargas-Solar, J. Espinosa (**involvement 70%**).

Professional Activity

Program Committee

- STRAPS 2020: 2nd Workshop on Smart Data Integration and Processing on Service based environments (in conjunction with ICSOC 2020)
- CoopIS 2019: 27th Int. Conf. on Cooperative Information Systems
- DSC 2019: 5th IEEE Int. Workshop for Data Science and Computing (in conjunction with AICCSA 2019)
- DARLI-AP 2019 & 2020: 3rd and 4th Data Analytics solutions for Real-Life Applications (in conjunction with EDBT/ICDT 2019 & 2020)

Reviewer

Journals

- Transactions on Emerging Topics in Computing (2019)
- Future Generation Computer Systems (2020, 2019)
- Information Systems Frontiers (2019)
- Computing (2018, 2019)
- Computación y Sistemas (2016, 2018)
- Data in Brief (2017)

Conferences

- AICCSA (2016, 2019),
- ADBIS DaS workshop (2017)
- ICCS (2017)
- MICAI (2016)
- IKC KEYSTONE (2016)
- ENC (2010, 2009)

Conference Organization

- BDA Summer School "Masses de données distribuées"
 - o 6th ed. 7-12 June 2020, Corse, France
 - o 5th ed. 17-22 June 2018, Aussois, France
- Franco-Brazilian Spring School on Big Data and Smart Cities
 - o 1st ed. 7-10th April 2015, Grenoble, France
 - o 2nd ed. 8-10th November 2017, Natal, Brazil
- EDBT Summer School 2013 on Big, Linked and Open Data, 1st-6th September 2013, Aussois, France.

Other Services

- Project manager, LAFMIA lab (since 2015)
- Main organizer and chairperson, LDE BOLD Cities Talks (2018-2019)
- Main organizer, Collaborative Workshop UAG-UdeG and BSC (2017)
- Chair, 4th BSC Doctoral Symposium, 2017
- Main organizer, Seminar on Web Service, LIG-Sinergy (2010)