

# Jakub Klímek

## Structured curriculum vitae

**E-mail:** jakub.klimek@matfyz.cuni.cz

**Day of birth:** 20. 10. 1984

**Nationality:** Czech

## Education

- 2009 – 2013 - Faculty of Mathematics and Physics, Charles University
  - Ph.D. in Computer Science
  - Thesis title: **XML Formats Evolution and Integration**
    - Supervisor: doc. Mgr. Martin Nečaský, Ph.D.
- 2011 - Faculty of Mathematics and Physics, Charles University
  - rigorosum programme, received RNDr. title
- 2007 – 2009 – Faculty of Mathematics and Physics, Charles University
  - Master's degree - Computer Science – Architecture and Principles of the System Environment
  - Thesis title: **XML Schema Evolution**
    - Supervisor: doc. Mgr. Martin Nečaský, Ph.D.
- 2004 – 2007 – Faculty of Mathematics and Physics, Charles University
  - Bachelor degree - Computer Science - Administration of Computer Systems
  - Thesis title: **Linear algebra jukebox - visualization of operations in vector spaces**
    - Supervisor: doc. RNDr. Jiří Fiala, Ph.D.
- 1996 – 2004 – High school: Gymnázium v Praze 6, Nad Alejí 1952
  - “Maturita” – Mathematics, Physics, English, Czech
- 1991 – 1996 – Primary school: ZŠ Náměstí Svobody 2a
  - Class oriented on languages

## Work experience



- 2017 – present - Assistant professor, Faculty of Mathematics and Physics, Charles University
- 2016 – 2017 - Open and Linked Data consultations – Czech Social Security Administration
- 2015 - present - (Linked) Open Data Expert, Ministry of the Interior, Czech Republic
- 2015 - Consultations and teaching materials preparation in Linked Open Data, University of Economics, Prague
- 2013 - present - Assistant professor – Czech Technical University in Prague

## Invited speaker at



- 2021 - ENDORSE - The European Data Conference on Reference Data and Semantics follow-up event: Linked Data platforms in and across EU Member States
- 2020 - European Data Summit 2020
- 2019 - Semantic Interoperability Community 2019 - [Panel on the Linked Data Showcase \(LDS\) pilot](#)
- 2014 - KRDB Research Centre, Faculty of Computer Science, Free University of Bozen-Bolzano, Italy
- 2012 - DATAKON 2012: Tutorial on Linked Data


## Role in grants

### Principal investigator

From - To	Agency	Workplace	Grant name
2020 - 2023	EU INEA 	FMP CU	<a href="#">STIRData: Specifications and Tools for Interoperable and Reusable data</a>
2019	Wikimedia Foundation 	FMP CU	<a href="#">Wikidata &amp; ETL</a>

### Team member

From - To	Agency	Workplace	Grant name
2019 - 2021	CSF	FMP CU	Contextual Similarity Search in Open Data
2016 - 2019	CSF	FMP CU	Efficient Exploration of Linked Data Cloud
2015 - 2017	EU H2020 	UEP	OpenBudgets.eu
2014 - 2015	TACR	FMP CU	Linked Data from the monitor of the state treasury
2013 - 2015	EU FP7 	FMP CU	COMSODE
2012 - 2014	TACR	FMP CU	Intelligent Library - INTLIB

2011 - 2013	EU FP7 	VŠE	LOD2 - Creating Knowledge out of Interlinked Data
2010 - 2012	CSF	FMP CU	Handling XML Data in Heterogeneous and Dynamic Environments
2009 - 2012	ESF OPVK	FMP CU	Social network of IT specialists in regions of Czech Republic
2009 - 2011	CSF	FMP CU	XML data processing

## Publication activity

- 11 papers in journals with impact factor
- 2 book chapters
- 51 papers in peer-reviewed conference proceedings and workshops
- ResearcherID: <http://www.researcherid.com/rid/K-1134-2014>
- ORCID: <http://orcid.org/0000-0001-7234-3051>

## Web of Science

- 28 papers
- 143 citations
- 116 without self-citations
- h-index 7

## Scopus

- Author identifier: 35956632500
- 58 papers
- 381 citations, h-index 11
- 285 self-citations, h-index 9

## Google Scholar

- 816 citations
- h-index 15

## Contributions to web standards

- [Data Catalog Vocabulary \(DCAT\) - Version 2, W3C Recommendation 04 February 2020](#)
- [StatDCAT-AP, European Commission](#)

## Committee memberships

### Program committee of international conferences and workshops

- International Workshop On Knowledge Graph Construction
  - [2021](#), [2022](#)
- World Wide Web (WWW) workshop LDOW: Linked Data on the Web
  - 2017, 2018
- International Conference on Knowledge Engineering and the Semantic Web (KESW)
  - 2013, 2014, 2015, 2016, 2017
- International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management (KEOD)
  - 2018, 2019, 2020, 2021, 2022
- International Semantic Web Conference (ISWC)
  - [2019](#), [2022](#)

### Program committee of local conferences and workshops

- Data a znalosti
  - 2018, 2019

## Reviews for journals

- ACM Computing Surveys, ACM, IF 7.990
- Expert Systems With Applications, Elsevier, IF 6.954
- IEEE Transactions on Emerging Topics in Computing, IEEE, IF 6.043
- Journal of King Saud University – Science, Elsevier, IF 4.011
- IEEE Access, IEEE, IF 3.671
- Semantic Web Journal, IOS Press, IF 3.524
- Journal of Information Science, SAGE Publications Inc., IF 3.282
- Data, Technologies and Applications, Emerald Publishing, IF 1.667

## Cooperation with grant agencies

- since 2022 member of Topic council of the Charles University Grant Agency
  - A - human sciences, computer science group
- project evaluation for [ETH Domain Open Research Data](#) (ORD) Program, Switzerland

## Stays abroad

- 2012 - 3 month internship at the Institute of Applied Informatics e.V. at the University of Leipzig, Germany

## Cooperation with industry and contracted research

- 2022 - Open data 2.0 for the Ministry of Investments, Regional Development and Informatization of the Slovak Republic
- since 2019 - contact person for industrial partner Apify
  - 3 bachelor theses
- since 2019 - contact person for industrial partner Mews
  - 2 master's theses
- 2019 - Wikimedia Czech - Support for loading RDF to Wikidata using the LinkedPipes ETL tool - Wikimedia Foundation Grant
- 2019 - e.on - Consultation of implementation of semantic technologies in enterprise environment

## Skills

- 2002 - English - FCE
- 2002 - Group B driver's license