
prof. RNDr. Tomáš Skopal, Ph.D.

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Agenda:

- IT/IS coordination, including preparation of medium-term strategy
- New SIS
- Data-driven university
- Cloud services
- Liaison with the Cybersecurity Manager and KR member for eGovernment and Security
- Collaboration with the AS CU IT Committee

Professional profile:

Started his academic journey at the Faculty of Science, Palacký University Olomouc (MSc in 2001), continued at the Technical University of Ostrava (PhD in 2004) until he landed at the Faculty of Mathematics and Physics at Charles University (Associate Professor, Professor). He has further long-term experience from universities in Germany (Konstanz, Passau) and Chile. In 2006, he founded the SIRET research group at the Department of Software Engineering of the Faculty of Mathematics and Physics, which researches in the area of similarity search in databases of unstructured data (e.g. multimedia). He headed the department from 2013 to 2021. He has served on scientific boards or panels of the Czech Grant Agency. He has led a number of basic, applied and contracted research grants.

Work experience:

- since 2022 - Vice-Rector of Charles University for Information Technology
- 2012 to 2021 - Head of the Department of Software Engineering, Faculty of Mathematics and Physics at CU
- since 2010 - teaching at FIT CTU (associate professor, professor)
- since 2006 - Head of the SIRET@KSI research group at the Faculty of Mathematics and Physics at CU
- since 2005 - successively assistant professor, associate professor and professor at the Department of Software Engineering at the , Faculty of Mathematics and Physics at CU

Education:

- 2019 - Professor (Computer Science - Software Systems, CU)
- 2007 - Associate Professor (Computer Science - Software Engineering, CU)
- 2004 - RNDr. (computer science, Faculty of Mathematics and Physics at CU)
- 2004 - Ph.D. (computer science - applied mathematics, Faculty of Electrical Engineering and Computer Science at the Technical University of Ostrava)
- 2001 - Mgr. (computer science, Faculty of Science at Palacký University Olomouc)

Teaching activity:

Long-time lecturer at the Faculty of Mathematics and Physics at CU and the Faculty of Information technology at CTU (database systems, multimedia retrieval, web search engines).

Foreign internships:

2020 to 2022 - visiting professor at Universität Passau (Germany)
2016 to 2017 - visiting professor at Universität Konstanz (Germany)
2011 - research fellowship at Universidad de Chile (Chile)

Publication and creative activities:

Over 100 publications in the Scopus database, articles in international impacted journals and conference proceedings. Google Scholar h-index 25, over 1900 citations.

Popularization activities:

? VideoHunter@MFF summer workshops combining scientific and popularization lectures in the field of intelligent search in audio-visual data and a team competition in video search using state-of-the-art tools developed at MFF UK.

Selected grants:

- 2022 to 2024 - Investigator GA Czech Republic, No. 22-21696S "Deep representations of unstructured data"
- 2021 - co-investigator, EyeMeter, contract research between Median and Faculty of Mathematics and Physics, CU
- 2019 to 2021 - investigator of GA ČR, No. 19-01641S "Contextual similarity search in open data"
- 2017 to 2019 - investigator of GA ČR, No. 17-22224S "User preference analytics in multimedia exploration models"
- 2013 to 2014 - investigator, contract research Cisco and MFF UK "Finding similar events within intrusion detection systems"
- 2011 to 2014 - investigator of GA ČR, No. P202/11/0968 "Large-scale nonmetric similarity search in complex domains"
- 2009 to 2011 - co-investigator of GA ČR, No. 201/09/0683 "Similarity searching in very large multimedia databases"
- 2005 to 2007 - investigator of GA ČR, No. 201/05/P036 "Efficient metric search in large multimedia databases"

Scientific profile (ORCID):

<https://orcid.org/0000-0002-6591-0879>

Personal website:

<http://siret.ms.mff.cuni.cz/members/skopal/home>

Motto:

"Information technology must be a good servant, not an evil master."

Interests, hobbies:

Photography, cycling, boating, travel

[prof. RNDr. Tomáš Skopal, Ph.D. – photo for download \(.jpg; 2.87 MB\)](#)