Brief Curriculum Vitae of Cezary Kaliszyk

Born 04.08.1981

ckaliszyk@unimelb.edu.au

https://ckaliszyk.github.io/

Orcid: 0000-0002-8273-6059

Education

2016	Habilitation in Computer Science	University of Innsbruck, Austria
2009	PhD in Computer Science	Radboud University, the Netherlands
2005	MSc in Computer Science	Warsaw University, Poland
2005	BSc in Mathematics	Warsaw University, Poland
2003	BSc in Computer Science	Warsaw University, Poland

Employment

2024 – present	Full Professor, University of Melbourne, Australia
2018 – 2024	Associate Professor, University of Innsbruck, Austria
2012 – 2018	Research assistant / Assistant professor, U. Innsbruck, Austria
2018 – 2021	Adjunct, Warsaw University, 10% part-time
2010 – 2012	Postdoc, University of Tsukuba, Japan
2009 – 2010	Postdoc, Technical University Munich, Germany
2005 – 2009	Junior researcher, Radboud University, the Netherlands

Mobility

2019 (9 weeks)	Invited associate professor, Tokyo University of Technology, Japan
2018 (1 month)	Invited professor, Université de Lorraine, France
2016 (10 weeks)	Visiting faculty, Google research, USA
2014 (5 weeks)	Visiting fellow, Czech Technical University in Prague
2009 (4 months)	Visiting research assistant, National University of Singapore

Funding

2024 – 2025	ERC PoC grant 101156734, **PI**, €150,000
2021 – 2024	COST action CA20111 of F. Blanqui, working group leader.
2017 – 2022	ERC starting grant 714034, **PI**, €1,449,000
2017 – 2023	Excellent Teams - Czech Ministry of Education grant of J. Urban. Site with one PhD student.
2016 – 2018	Scientific & Technological Cooperation with Poland project PL 03/2016, **Co-PI**
2016 – 2019	NCN grant *2015/19/D/ST6/01473*, co-author and external collaborator
2013 – 2017	FWF stand-alone grant P26201, **PI**, €323,273
2010 – 2012	JSPS fellowship P10044, **PI**, JPY 11,405,000 ($\approx$ €87,500)
2009 – 2012	NWO grant *MathWiki*, application co-author and external collaborator
2006 – 2008	SURF-NET grant *WebDed*, application co-author and research assistant

PC-Chair (5 most recent)

- Conference on Interactive Theorem Proving (ITP'21), Rome, Italy, 2021, PC co-chair
- Conference on Intelligent Computer Mathematics (CICM'19), Prague, Czech Republic, 2019, PC chair
- Formal Mathematics for Mathematicians (FMM'18), Hagenberg, Austria, August 13, 2018, co-chair
- Hammers for Type Theory (HaTT'16), Coimbra, Portugal, July 1, 2016, co-chair
- Mathematical Knowledge Management (MKM'15), Washington DC, July 13–17, 2015, track chair

Organization

- 2024, co-organizer of Workshop on Alignment of Proof Systems and Machine Learning (APSML'24)
- 2016–2023, co-organizer of Artificial Intelligence and Theorem Proving Conference (AITP)
- 2014, co-organizer of Prague Inter-Reasoning Workshop (PIW'14)
- 2009, co-organizer of Isabelle Developers Workshop (IDW'09)
- 2006, co-organizer of Small Types Workshop (ChitChat'06)

Programme Committee Member:

- PC Member of 61 conference and workshop PCs
- Most recently: CPP 2025, PAAR 2024, CICM 2024, FSCD 2024, SCSS 2024

PhD Supervision:

- M. Färber (PhD, U.Innsbruck, 2013–2018): Improving premise selection in ITPs and ATPs
- T. Gauthier (PhD, U.Innsbruck, 2013–2018): Matching and sharing HOL proof assistant knowledge
- Y. Nagashima (PhD, U.Innsbruck, 2017–2021): Isabelle/HOL learning techniques
- S. Purgał (PhD, U.Innsbruck, 2018–2023): Symbolic computation with graph neural networks
- L. Zhang (PhD, U.Innsbruck, 2020–submitted): Machine learning for proof assistant interaction
- D. Ranalter (PhD, U.Innsbruck, 2021–ongoing): Dependent Higher-order Logic
- N. Vyas (PhD, U.Melbourne, 2024–ongoing): AI for proofs of program properties

Postdocs:

- Ł. Czajka (Postdoc, 2015–2016): Improving proof assistant translations to first-order logic
- B. Ekici (Postdoc, 2017–2018): Improvements and evaluations of CoqHammer
- M. Olšák (Postdoc, 2018–2021): Graph neural networks for theorem proving
- P. Hou (Postdoc, 2019–2020): Automation for impredicativity, phantom types and reflection
- J. Jakubův (Postdoc, 2021, 2023–2024): ATP strategies, proof guidance, and the Enigma system

Teaching:

- Taught 42 courses, including 19 semester lectures, 3 summer schools, and 19 proseminars

Journal Editorial Boards:

- Mathematics in Computer Science
- Journal of Automated Reasoning

Selected Grant Reviews:

- Member of 5 expert teams of NCN (Polish Grant Agency) and the EU
- Reviews outside of panels for ANR, COST, DFG, NCN, ÖAD

Scientific Community Service:

- External Reviewer/Examiner of PhD students at U.Paris, Saclay, Manchester, Chalmers, NUST, TU Vienna
- 2022–2024: Associate Dean of Studies for Computer Science, U.Innsbruck
- 2022–2024: Erasmus Representative for Computer Science, U.Innsbruck
- 2020–2022: Steering Committee Member of Interactive Theorem Proving
- 2018–ongoing: Steering Committee Member for the Conference on Intelligent Computer Mathematics
- 2013–2023: Responsible for Research Documentation Database for CL Group, U.Innsbruck
- 2013, 2017, 2018, 2019-2020, Member of 4 Habilitation Committees, once as chair
- 2019–2024: Mentor for Tenure Evaluation Process of Matteo Severiano, U. Innsbruck
- 2016–2017, 2019–2020, 2023–2024: Member of four Professor Appointment Committees, U. Innsbruck
- 2020–2023: Advisory Board Member for the new established Digital Science Center Institute, Innsbruck
- 2015–2019, 2021–2024: Member of two EU Cost Management Committees
- 2014–2015: Trustee of the Mathematical Knowledge Management Interest Group

Brief Curriculum Vitae of Martin Suda

Born 19.04.1983
https://people.ciirc.cvut.cz/~sudamar2/
martin.suda@cvut.cz
Orcid: 0000-0003-0989-5800

Education

2015	PhD in Computer Science	Saarland University
2007	MSc in Computer Science	Charles University in Prague, Czechia

Employment

2018 – present	CIIRC, Czech Technical University in Prague, CZ
2021 – present	Head of the Automated Reasoning group at CIIRC
2020 – present	Senior researcher (tenure track position)
2018 – 2020	Postdoctoral Researcher
2016 – 2018	Postdoctoral Researcher (Projektassistent), TU Wien, Vienna, Austria
2014 – 2016	Research Associate, University of Manchester, Manchester, UK

Funding

2024 – 2026	Czech Science Foundation grant 24-12759S, **PI**, €317,000
2020 – 2022	Czech Science Foundation grant 20-06390Y, **PI**, €260,000
2009 – 2010	Charles University Grant Agency grant 82809, **PI**

PC-Chair and Organizing (last 5 years)

- Workshop on Practical Aspects of Automated Reasoning (PAAR'24), Nancy, France, 2024, PC co-chair
- International Symposium on Frontiers of Combining Systems (FroCoS'23), Prague, Czech Republic, 2023, PC co-chair and co-organizer
- International Conference on Automated Reasoning with Analytic Tableaux and Related Methods (TABLEAUX'23), Prague, Czech Republic, 2023, co-organizer
- EuroProofNet Workshop (PAMLTP+DG4D^3), co-organizer, Prague, Czech Republic, 2023
- SAT Competition, 2020 – 2022, co-organizer

Programme Committee Member:

- PC Member of 39 conference and workshop PCs
- Most recently: CADE 2025, ICAPS 2025, IJCAR 2024, SAT 2024, ECAI 2024, FMCAD 2024, TACAS 2024

(Co-)Supervision:

- A. Dingle (PhD, Charles University, 2021–ongoing): Automated Verification of Natural Language Proofs
- F. Bártek (PhD, CTU, 2019–submitting): Machine Learning for Saturation-Based Theorem Proving
- T. Gauthier (PostDoc, CTU, 2020–2022): postdoctoral fellow on project 20-06390Y
- D. Damestani (MSc, TUWien, 2016–2019): Superposition Reasoning about Quantified Bitvectors

Teaching:

- 2025 and 2023 (spring): Formal Mathematics and Proof Assistants, Charles University, Prague
- 2022 and 2021 (fall): Computational Logic (jointly with Mikoláš Janota), Charles University, Prague
- tutorials at several summer schools and conferences (IDESSAI'24, SAT/SMT/AR'18, ASE'17, LoVE'16)

Scientific Community Service:

- External Reviewer/Examiner of PhD students at Australian N.U., Vrije U. Amsterdam, U. Côte d'Azur
- 2024–ongoing: Member of the CADE Board of Trustees
- 2024–ongoing: AI Czechia Fellow
- 2023–ongoing: FroCos Steering Committee Member

Brief Curriculum Vitae of Jan Jakubův

Born 28.10.1981

http://people.ciirc.cvut.cz/~jakubja5/

jakubuv@gmail.com

Orcid: 0000-0002-8848-5537

Education

2010	PhD in Computer Science	Heriot-Watt University, Scotland
2006	MSc in Computer Science	Charles University in Prague, Czech Republic

Employment

2024/8 – present	Researcher, Czech Technical University in Prague, Czech Republic
2024/1 – 2024/7	Postdoc, University of Innsbruck, Austria
2022/5 – 2024/1	Researcher, Czech Technical University in Prague, Czech Republic
2021/7 – 2022/3	Postdoc, University of Innsbruck, Austria
2012/3 – 2021/6	Researcher, Czech Technical University in Prague, Czech Republic

Mobility

2017, 2018, 2020	Visiting researcher (9 total months of visits), U. Innsbruck, Austria
2017	Visiting researcher, University of New Mexico, USA

Funding

2024 - present	Czech Science Foundation grant 24-12759S, *team member*
	EU project "ROBOPROX" no. CZ.02.01.01/00/22_008/0004590, *team member*
2024 - 2024	ERC PoC grant 101156734, *team member*
2021 - 2024	Czech MEYS (MŠMT) project "POSTMAN" LL1902, *team member*
2021 - 2022	ERC Project "SMART" Starting Grant no. 714034, *team member*
2015 - 2021	ERC Consolidator grant "AI4REASON" no. 649043, *team member*
2012 - 2015	Czech Science Foundation (GAČR) grant no. 13-22125S, *team member*
2006 - 2009	EPSRC studentship funded by EPSRC grant EP/C013573/1

Organization

- 2023, local organizer of TABLEAUX/FroCoS 2023 in Prague
- 2019, local organizer of CICM'19 in Prague

Programme Committee Member:

- PC Member of various conference and workshop PCs
- Most recently: ECAI 2024, PAAR 2024, IWIL 2024, ECAI 2023.

PhD Supervision:

- co-supervisor of Z.A.Goertzel (PhD, CTU in Prague, 2023): Learning Inference Guidance in Automated Theorem Proving

Teaching:

- Taught 10 courses, including 2 semester lectures, and 8 proseminars