

Roland Púček

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Fakultät für Mathematik
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PROFESSIONAL APPOINTMENTS

2025 - Research Fellow, Fakultät für Mathematik, Ruhr-Universität Bochum

2021 - 2025 Research Fellow, Institute of Mathematics, Friedrich-Schiller-Universität Jena

EDUCATION

2021 PhD, Department of Mathematical Sciences, University of Bath
Supervisor: Prof. David M.J. Calderbank

2016 Mgr., Faculty of Mathematics and Physics, Charles University
Major: Mathematical Analysis
Supervisor: Prof. RNDr. Vladimír Souček, DrSc.

2014 Bc., Faculty of Mathematics and Physics, Comenius University
Supervisor: Prof. RNDr. Július Korbaš, CSc.

MEMBERSHIP

2023 - 2026 member of two working groups, *Cartan Geometry and Representation Theory*, and *Integrable Systems and Supersymmetry* in the COST Action CaLISTA

SECURED FUNDING

2024	CaLISTA Short-Term Scientific Mission Title: Integral formulae for solutions of PDEs with constant coefficients and their integrability Amount: €2000
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- 2023 CaLISTA Short-Term Scientific Mission
 Title: Exploring the Duality between Geometric Networks and Stochastic Learning Machines through the Lens of the Crystallisation Conjecture
 Amount: €2000
- 2023 FSU Funding Programme: Organising Academic Events
 Amount: €1500
- 2017 - 2021 EPSRC DTP Studentship
 Title: Special geometric structures and integrability
 Amount: cca. £70 000

RESEARCH VISITS

- 2024 KTH, 3 weeks (Feb)
 Geometry of compatible polytopes
- 2024 KTH, 3 weeks (Nov)
 Veronese polytopes

ORGANISED EVENTS

- 2023 Regional Workshop in Algebraic Geometry, Jena

SUPERVISED THESES

- 2023 Complex geometry
 Konrad Brandts, University of Jena

TEACHING EXPERIENCE

Ruhr-Universität Bochum

- 2025 - 1 lecture, 1 tutorial, learning centre tutor

University of Jena

- 2021 - 2024 5 lectures, 3 seminars, 1 tutorial, 3 student projects

University of Bath

- 2017 - 2020 7 tutorials

Charles University

2016 - 2017 2 tutorials

University of Economics in Prague

2015 - 2016 4 tutorials

LANGUAGES

Slovak native

Czech fluent

English fluent

German basic