

Curriculum Vitae

Alex Küronya

PERSONAL INFORMATION

Name: Alex Küronya
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EMPLOYMENT

2010 – Albert-Ludwigs-Universität Freiburg, Akademischer Mitarbeiter
(**DFG-Forschergruppe FOR790**)
2008 – **Budapest University of Technology and Economics,**
Associate professor with tenure
2004 – 2008 Universität Duisburg–Essen, Wissenschaftlicher Mitarbeiter
2006 – 2007 Alfréd Rényi Institute of Mathematics,
Marie Curie Intraeuropean Research Fellow
2004 – 2008 Budapest University of Technology and Economics, Assistant professor
1998 – 1999 Computer and Automation Institute of the Hungarian Academy of Sciences,
Researcher

DEGREES

2012 **Habilitation, Albert-Ludwigs-Universität Freiburg**
2004 **Ph. D. in Mathematics, University of Michigan** (Ann Arbor).
1998 M.Sc. in Mathematics, Eötvös University (Budapest).
1995 M.Sc. in Technical Informatics, Budapest University of Technology
and Economics.

FELLOWSHIPS, GRANTS

2010 – 2014 OTKA Grant of the Hungarian Academy of Sciences No. 81203
(principal investigator: András Stipsicz)
2009 **Invited Researcher at the CNRS**, Université Joseph Fourier,
Grenoble (3 months)
2009 – 2011 **OTKA Grant No. 77604 (principal investigator)**
2009 – 2013 OTKA Grant No. 77476 (principal investigator: Lajos Rónyai)
2008 – 2011 **Bolyai Fellowship of the Hungarian Academy of Sciences**
2006 – 2010 OTKA Grant No. 61116 (principal investigator: Tamás Szamuely)
2006 – 2007 Öveges Scholarship
2003 – 2004 Rackham Predoctoral Fellowship, University of Michigan

1999	Fellowship of the Soros Foundation
1998	DAAD Scholarship, RWTH Aachen (1 month)
1997	CEEPUS Scholarship, TU Graz (1 month)
1993	TEMPUS Scholarship, Università di Pisa (3 months)

ORGANIZATION

- 2014 'Positivity of vector bundles and linear series' Workshop, **Banff International Research Station (14w5056)**, (Co-organized with Sándor Kovács and Tomasz Szemberg)
- 2014 'Negative curves on algebraic surfaces' Mini-workshop, **Mathematisches Forschungsinstitut Oberwolfach (1409b)** (Co-organized with Sandra di Rocco, Stefan Müller-Stach and Tomasz Szemberg)
- 2013 'Nagata-type conjectures' Workshop, **Banach Center** (Co-organized with Tomasz Szemberg)
- 2013 Meeting of the Research Group DFG 790 'Classification of Algebraic Surfaces and Compact Complex Manifolds' (Co-organized with Stefan Kebekus).
- 2011 'Birational Automorphisms of Varieties of General Type' **Summer School in Birational Geometry** (Freiburg, 2011, Co-organized with Daniel Greb and Stefan Kebekus, invited speakers: James M^cKernan, Chenyang Xu)
- 2011 Study seminar at the Albert-Ludwigs-Universität Freiburg on the work of Lazić about finite generation
- 2007 Study seminar at the Universität Duisburg-Essen on the work of Hacon and M^cKernan (Co-organized with Eckart Viehweg)

JOURNAL EDITING

2013 – Annales Universitatis Paedagogicae Cracoviensis Studia Mathematica

REFEREEING

- Hungarian Academy of Sciences (OTKA grant proposals)
- Foundation for Polish Science (Homing Plus grant proposals)
- Referee for the following journals: **Annales de l'ENS**, **Journal of the EMS**, **Duke Mathematical Journal**, Advances in Mathematics, Mathematische Annalen, Journal of Algebraic Geometry, Transactions of the AMS, Annales de l'Institut Fourier, IMPANGA Lecture Notes Series, Journal of Algebra, Journal of Algorithms, Acta Mathematica Sinica, Central European Journal of Mathematics, Communications in Algebra
- Research projects of undergraduates, PhD and M.Sc. theses at the Eötvös University, BME, and the Albert-Ludwigs-Universität Freiburg.

THESIS STUDENTS

in progress	Norbert Pintye (Ph. D., Budapest University of Technology and Economics)
2012	Maximilian Gerhards (M. Sc., co-advised with Stefan Kebekus, Universität Freiburg)
2011	Norbert Pintye (M.Sc., Budapest University of Technology and Economics)
2009	Pál Zsámboki (M.Sc., Budapest University of Technology and Economics)

CURRICULUM DEVELOPMENT

- Participation in the **development of the M.Sc. curriculum in pure mathematics** at the Budapest University of Technology and Economics.
- **Development of the following graduate courses** at the BUTE: Algebraic and general combinatorics (algebraic combinatorics part), Commutative algebra and algebraic geometry (course coordinator), Representation theory (course coordinator), Homological algebra (course coordinator), Introduction to algebraic topology.