

Curriculum Vitae

Personal data

Name, surname, degrees:	M.S. Katrin Leistner (born Emler), Diploma in Mathematics
Date of birth:	November, 25th 1982
Contact address:	Department of Mathematics University of Duisburg-Essen 45117 Essen, Germany
E-mail:	katrin.leistner@uni-due.de
Family status:	Married to Andreas Leistner.

Research interests

Main research interests are Model Theory and the classification of abelian groups.

Education

2002–2008	Graduate studies at the University of Duisburg-Essen. Graduated in Model Theory, Algebra. Secondary subject: Philosophy. Thesis: “Model-theoretic investigations concerning the isomorphy of abelian torsion groups and $\mathbb{Z}_p$ -modules”.
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Employment history

Since 2008	Research assistant and assistant to the dean at the University of Duisburg-Essen, faculty of Mathematics. Including teaching tasks.
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Working experience

- Assistant to the dean concerning all affairs regarding the faculty since 2008.
- 1 paper published, 1 submitted paper.
- Organization of the graduation ceremony of the faculty of Mathematics in Duisburg-Essen since 2008.

- Talk at the conference *Groups and topological groups* in Würzburg, Germany in January 2009.
- Participation in the organization of the conference *Festkolloquium in honor of Rüdiger Göbel* in Essen, Germany in April 2009.
- Participation in the organization of the conference *Groups and topological groups* in Essen, Germany in January 2010.
- Talk at the Algebra Seminar of the Faculty of Mathematics of the Charles University, Prague, Czech Republic in October 2010.
- Participation in the organization of the conference *Groups and Model Theory* in Mülheim an der Ruhr, Germany in May/June 2011.
- Talk at the conference *Some Trends in Algebra 2011* in Prague, Czech Republic in September 2011.

Participation in grant projects

- *The interplay between algebra and logic*, DFG-research project, 2008-2010, principal investigators: Dr. Gunter Fuchs (Münster), Prof. Rüdiger Göbel (Essen), Prof. Ralf Schindler (Münster), PD Dr. Lutz Strüngmann (Essen)
- *Structure of Modules*, PPP-research project, 2010-2011, principal investigators: Prof. Rüdiger Göbel (Essen), Prof. Jan Trlifaj (Prague), PD Dr. Lutz Strüngmann (Essen)

Teaching experience

- Exercise teams for basic courses in Algebra and Analysis in Essen, four semesters during 2007-2010.
- Exercise teams for basic courses in Geometry in Essen, two semesters during 2009 and 2010.
- Exercise team for a basic course in Number Theory and Algebra in Essen, one semester during 2009.
- Exercise team for a course in Linear Algebra I in Essen, one semester during 2011.
- Seminars on Geometry in Essen, two semesters during 2009 and 2010 (with I. Janiszczak).
- Seminar on Number Theory and Algebra in Essen, one semester during 2010 (with I. Janiszczak).
- Several lectures in the course of the S.U.N.I. (Summer university for women in natural and engineering sciences) in Essen in 2010 and 2011.

Publications and preprints

1. K. Emler, *Model-theoretic investigations concerning the isomorphy of abelian torsion groups and Z_p -modules*, diploma thesis, University of Duisburg-Essen, (2008). (german)
2. R. Göbel, K. Leistner, P. Loth, L. Strüngmann, *Infinitary equivalence of Z_p -modules with nice decomposition bases*, Journal of Commutative Algebra, vol. 3, no. 3, (2011).
3. C. Jacoby, K. Leistner, P. Loth, L. Strüngmann, *Infinitary equivalence of abelian groups with partial decomposition bases*, submitted.