



universität  
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Faculty of Mathematics

# Doctoral School of Mathematics

## Kick-off

**Tuesday**

**May 17<sup>th</sup>, 2016**

**2 pm**

## Schedule

**2:00 pm Welcome**

*Christian Krattenthaler*

Lecture Hall 14, 2<sup>nd</sup> floor

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**2:15 pm Lecture: “Around the Borsuk Conjecture in 80 Years – a Journey from Geometry to Graphs, Groups, and Back”**

*Martin Aigner (Freie Universität Berlin)*

Lecture Hall 14, 2<sup>nd</sup> floor

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**3:30 pm Lecture: “The mathematicians of the Vienna Circle”**

*Karl Sigmund (Universität Wien)*

Lecture Hall 14, 2<sup>nd</sup> floor

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**4:30 pm Buffet & Coffee & Poster Session**

Sky Lounge, 12<sup>th</sup> floor

## Posters

- Michael Speckbacher Frames and reproducing pairs
- Markus Faulhuber Lattices, Quadratic Forms and Theta Functions – Sharp Bounds for Gaussian Gabor Frames
- Melanie Graf Singularity theorems in Lorentzian geometry
- Franz Berger Spectral theory of the  $\overline{\partial}$ -Neumann problem
- Christoph Harrach Poisson transforms on differential forms
- Jernej Cinc Planar embeddings of inverse limit spaces of unimodal maps
- Tomack Gilmore Tiling problems and electrostatics
- Sascha Biberhofer Eisenstein Cohomology of Arithmetic Groups – The Exceptional Group  $G_2$
- Robin Sulzgruber The skew length statistic on simultaneous core partitions

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