



universität
wien

Faculty of Mathematics

Doctoral School of Mathematics

Kick-off

Tuesday

May 17th, 2016

2 pm

Schedule

2:00 pm Welcome

Christian Krattenthaler

Lecture Hall 14, 2nd 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, 2nd 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<br>Bounds for Gaussian Gabor Frames |
| Melanie Graf        | Singularity theorems in Lorentzian geometry                                               |
| Franz Berger        | Spectral theory of the $\overline{\partial}$ -Neumann<br>problem                          |
| Christoph Harrach   | Poisson transforms on differential forms                                                  |
| Jernej Cinc         | Poisson transforms on differential forms                                                  |
| Tomack Gilmore      | Tiling problems and electrostatics                                                        |
| Sascha Biberhofer   | Eisenstein Cohomology of Arithmetic Groups – The<br>Exceptional Group $G_2$               |

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