

ACADEMIC YEAR 2016/2017

Hausdorff School for Advanced Studies in Mathematics

The Hausdorff School for Advanced Studies in Mathematics is a new innovative training program for postdoctoral researchers based in Germany and worldwide. It combines summer and winter schools, international workshops, seminars on soft skills, and a mentoring program for academic teaching to support the development of young researchers. It builds a bridge between the systematic education of PhD students and the appointment to a professorship or a successful career outside academia. The application is open to all postdocs worldwide.

WINTER SCHOOLS

■ January 9 – 13, 2017

Numerical Analysis of Multiscale Problems

Introductory School for the Trimester Program
„Numerical Analysis of Multiscale Problems“

Organizers: Susanne C. Brenner (*Baton Rouge*), Björn Engquist (*Austin*),
Max Gunzburger (*Tallahassee*), Daniel Peterseim (*Bonn*),
Marc Alexander Schweitzer (*Bonn*)

Lecturers: Björn Engquist (*Austin*), Robert P. Lipton (*Baton Rouge*),
Daniel Peterseim (*Bonn*), Rob Stevenson (*Amsterdam*),
Barbara Wohlmuth (*Munich*)

■ February 20 – 24, 2017

Recent Development in Singular Stochastic PDEs

Organizers: Massimiliano Gubinelli (*Bonn*), Hendrik Weber (*Warwick*)

Lecturers: Ajay Chandra (*Warwick*), Nicolas Perkowski (*Berlin*),
Hendrik Weber (*Warwick*), Lorenzo Zambotti (*Paris*)

FURTHER EVENTS

October 4 – 8, 2016

Young Women in Probability and Analysis

Organizers: Margherita Disertori (*Bonn*), Constanza Rojas-Molina (*Bonn*)

December 2 – 4, 2016

Young Women in Harmonic Analysis and PDE

Organizers: Polona Durcik (*Bonn*), Lisa Onkes (*Bonn*)

Lecturers: Stefanie Petermichl (*Toulouse*),
Gigliola Staffilani (*Cambridge, USA*)

April 3 – 5, 2017

Young Women in Geometry

Organizers: Asma Hassannezhad (*Munich*), Anna Siffert (*Bonn*)

Lecturers: Ailana Fraser (*Vancouver*), Esther Cabezas-Rivas (*Frankfurt*),
Julie Rowlett (*Gothenburg*)

SUMMER SCHOOLS

■ April 3 – 7, 2017

Large Random Graphs: Geometry and Applications

Organizers: Christoph Thäle (*Bochum*), Ngoc Tran (*Bonn*)

Lecturers: Júlia Komjáthy (*Eindhoven*), Tobias Mueller (*Utrecht*),
Matthias Schulte (*Bern*), Contributory talks by Domenico Marinucci (*Rome*),
Francois Massol (*Lille*), Victor Veitch (*Toronto*)

■ April 24 – 28, 2017

Applied and Computational Algebraic Topology

Introductory School for the Trimester Program
„Applied and Computational Algebraic Topology“

Organizers: Herbert Edelsbrunner (*Klosterneuburg*),
Michael Farber (*London*), Dmitry Feichtner-Kozlov (*Bremen*),
Kathryn Hess (*Lausanne*), Martin Raussen (*Aalborg*)

Lecturers: Gerard Ben Arous (*Lausanne*), Ulrich Bauer (*Munich*),
Ginestra Bianconi (*London*), Frederic Chazal (*Paris*), Michael Farber (*London*),
Dmitry Feichtner-Kozlov (*Bremen*), Eric Goubault (*Paris*),
Maurice Herlihy (*Providence*), Daniel Hug (*Karlsruhe*), Michael Kerber (*Graz*),
Ran Levi (*Aberdeen*), Roy Meshulam (*Haifa*), Martin Raussen (*Aalborg*)

■ May 29 – June 2, 2017

Derived Noncommutative Geometry

Organizers: Anthony Blanc (*Bonn*), Michael Brown (*Bonn*),
Tobias Dyckerhoff (*Bonn*)

Lecturers: Dmitry Kaledin (*Moscow*), Tony Pantev (*Philadelphia*),
Bertrand Toën (*Toulouse*)

■ June 19 – 23, 2017

K-Theory and Related Fields

Introductory School for the Trimester Program „K-Theory and Related Fields“

Organizers: Guillermo Cortiñas (*Buenos Aires*), Hélène Esnault (*Berlin*),
Christian Haesemeyer (*Los Angeles*), Holger Reich (*Berlin*),
Jonathan Rosenberg (*College Park*)

Lecturers: tba

■ July 17 – 21, 2017

Random Constraint Satisfaction

Organizer: Joe Neeman (*Bonn*)

Lecturers: Amin Coja-Oghlan (*Frankfurt*), Christopher Moore (*Santa Fe*),
Daniel Stefankovic (*Rochester*)

■ September 4 – 8, 2017

Dispersive Equations, Solitons, and Blow-up

Organizer: Herbert Koch (*Bonn*)

Lecturers: Piotr Bizon (*Kraków*), Yvan Martel (*Palaiseau*),
Tadahiro Oh (*Edinburgh*)

