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.

January 13 – 17, 2020
Dynamics: Topology and Numbers
Winter School for the Trimester Program
“Dynamics: Topology and Numbers”

February 10 – 14, 2020
Perverse Sheaves in Enumerative Geometry
Organizers: Georg Oberdieck (Bonn), Johannes Schmitt (Bonn)
Lecturers: Sven Meinhardt (Sheffield), Luca Migliorini (Bologna), Yukinobu Toda (Tokyo)

March 3 – April 3, 2020
MCMC: Recent developments and new connections
Organizers: Andreas Eberle (Bonn), Nawaf Bou-Rabee (Rutgers)
Lecturers: Francis Bach (Paris), Arnaud Doucet (Oxford), Tony Lelièvre (Paris), Jesus Sanz-Serna (Madrid), Aaron Smith (Ottawa)

May 11 – 15, 2020
The Arithmetic of the Langlands Program
Summer School for the Trimester Program
“The Arithmetic of the Langlands Program”

June 15 – 19, 2020
Computational Data Analysis
Organizers: Anne Driemel (Bonn), Melanie Schmidt (Bonn)
Lecturers: Ken Clarkson (IBM Research, US), Ioannis Emiris (Athens), Ritabrata Munshi (Tata Inst.), Simon Myerson (Göttingen), Ritabrata Munshi (Tata Inst.), Simon Myerson (Göttingen), Lillian Pierce (Duke Univ.), Oscar Marmon (Bonn)

June 29 – July 3, 2020
The Circle Method: Entering its Second Century
Organizers: Lillian Pierce (Duke Univ.), Oscar Marmon (Lund)
Lecturers: Timothy Browning (Wien), Jayce Getz (Duke Univ.), Ritabrata Munshi (Tata Inst.), Simon Myerson (Göttingen), Lillian Pierce (Duke Univ.)

July 20 – 24, 2020
The p4est software for parallel AMR
Organizers/Lecturers: Carsten Burstedde (Bonn), Tobin Isaac (Atlanta), Lucas Wilcox (Monterey)

These events will be open to postdocs from all over the world. For each event, the Hausdorff Center offers support for external participants to contribute to the travel and accommodation costs. Applications including CV, motivation letter and a short recommendation from the advisor or mentor should be submitted via the online registration form at: www.hcm.uni-bonn.de/events at least one month before the respective event will start. Regardless of financial support, online registration is required.