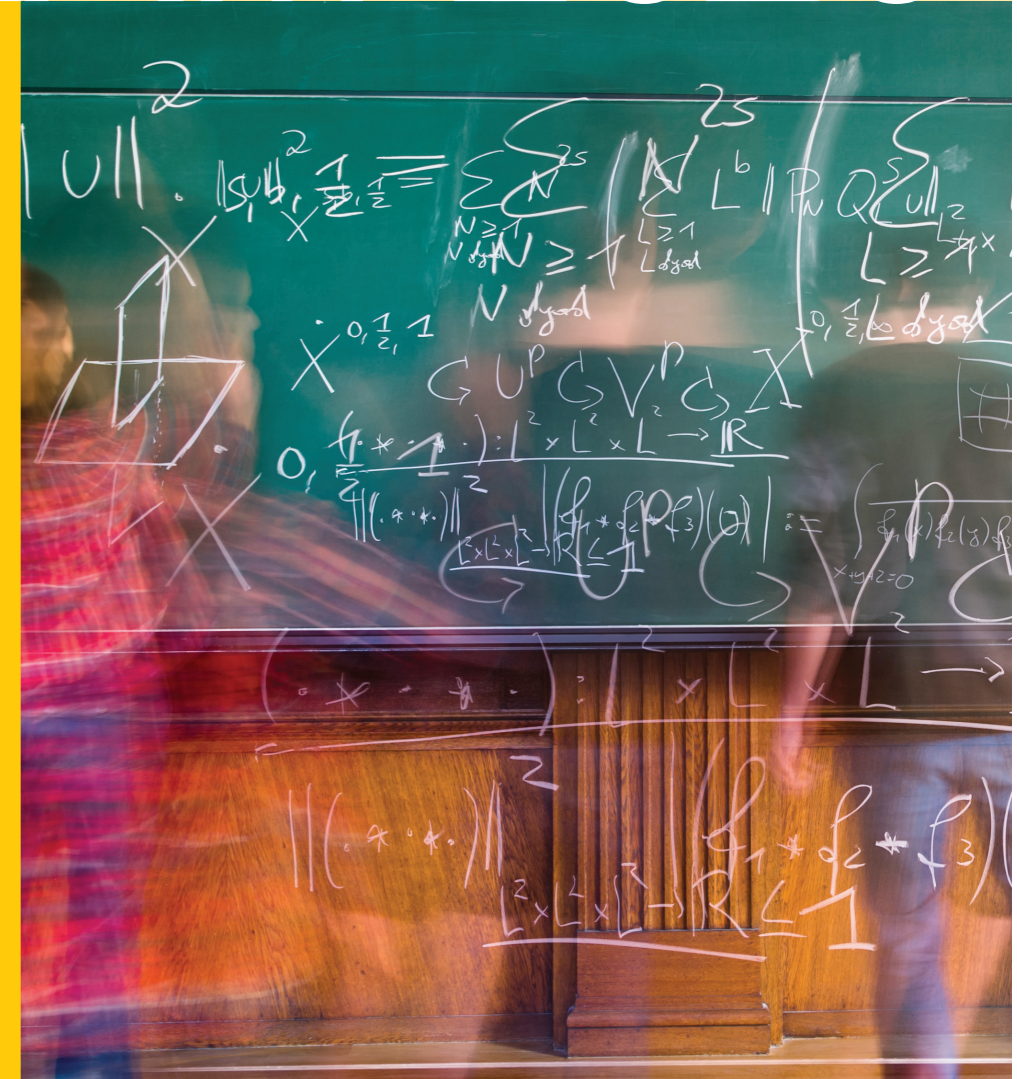


ACADEMIC PROGRAM 2020

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), Robert Krauthgamer (Weizmann Inst.), David Mount (Univ. Maryland), Jeff Phillips (Univ. Utah), Ruth Urner (York, Canada)

- **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.

