

# VERANSTALTUNGSKALENDER der Bonner Mathematik

Die Termine vom 23.09.2019 bis 29.09.2019

Mathematisches Institut

Institut für Numerische Simulation

Hausdorff Research Institute for Mathematics

Institut für Angewandte Mathematik

Max-Planck-Institut für Mathematik

Forschungsinstitut für Diskrete Mathematik

## Montag, 23.09.2019

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|-------------|--|
| 11.00–12.15 | Summer School on “New Frontiers in Singular SPDEs and Scaling Limits”<br><b>Fabio Toninelli (Université Claude Bernard Lyon 1):</b> <i>(2 + 1)-dimensional growth and Anisotropic KPZ class (I)</i><br><a href="#">Poppelsdorfer Allee 45, Vortragssaal HIM</a>  |
| 13.30–14.45 | Summer School on “New Frontiers in Singular SPDEs and Scaling Limits”<br><b>Tadahiro Oh (University of Edinburgh):</b> <i>Singular stochastic nonlinear wave equations</i><br><a href="#">Poppelsdorfer Allee 45, Vortragssaal HIM</a>                           |
| 14.30–15.30 | Hausdorff School<br><b>Céline Grandmont (Inria):</b> <i>Modeling and Analysis of some Fluid-Structure Interaction Problems</i><br><a href="#">Endenicher Allee 60, Raum 2.008</a>  |
| 14.45–16.00 | Summer School on “New Frontiers in Singular SPDEs and Scaling Limits”<br><b>Fabio Toninelli (Université Claude Bernard Lyon 1):</b> <i>(2 + 1)-dimensional growth and Anisotropic KPZ class (II)</i><br><a href="#">Poppelsdorfer Allee 45, Vortragssaal HIM</a> |
| 15.00–16.00 | MPI Topology Seminar<br><b>Julius Shaneson (University of Pennsylvania):</b> <i>Singularities old and new, I</i><br><a href="#">Vivatsgasse 7, Hörsaal MPI</a>   |
| 16.00–16.20 | Hausdorff School<br><b>Sebastian Hensel (IST Austria):</b> <i>Weak-strong uniqueness and stability of evolutions for multi-phase mean curvature flow</i><br><a href="#">Endenicher Allee 60, Raum 2.008</a>  |
| 16.25–16.40 | Hausdorff School<br><b>Anastasiia Hraivoronska (Eindhoven University of Technology):</b> <i>Towards structure-preserving schemes for Wasserstein gradient flows</i><br><a href="#">Endenicher Allee 60, Raum 2.008</a>   |
| 16.30–17.30 | MPI Topology Seminar<br><b>Julius Shaneson (University of Pennsylvania):</b> <i>Singularities old and new, II</i><br><a href="#">Vivatsgasse 7, Hörsaal MPI</a>  |

**Montag, 23.09.2019**

- 16.30–17.45 Summer School on “New Frontiers in Singular SPDEs and Scaling Limits”  
**Tadahiro Oh (University of Edinburgh):** *Singular stochastic nonlinear wave equations*  
[Poppelsdorfer Allee 45, Vortragssaal HIM](#)
- 16.45–17.00 Hausdorff School  
**Antonio Tribuzio (University of Rome, Tor Vergata):** *Perturbations of minimizing movements and applications*  
[Endenicher Allee 60, Raum 2.008](#)
- 17.05–17.25 Hausdorff School  
**Malte Kampschulte (Charles University, Prague):** *A variational approach to a quasi-static fluid structure problem*  
[Endenicher Allee 60, Raum 2.008](#)
- 17.30–17.45 Hausdorff School  
**Aras Bacho (TU Berlin):** *Doubly Nonlinear Evolution Inclusion of Second Order*  
[Endenicher Allee 60, Raum 2.008](#)

**Dienstag, 24.09.2019**

- 09.15–10.15 Hausdorff School  
**Josef Málek (Charles University):** *PDE large data analysis for unsteady flows of non-Newtonian fluids*  
[Endenicher Allee 60, Raum 2.008](#)
- 10.45–11.45 Hausdorff School  
**Mark Peletier (Eindhoven University of Technology):** *Gradient systems and evolutionary Gamma convergence*  
[Endenicher Allee 60, Raum 2.008](#)
- 11.00–12.15 Summer School on “New Frontiers in Singular SPDEs and Scaling Limits”  
**Nikolaos Zygouras (University of Warwick):** *The 2d KPZ as a marginally relevant disordered system (I)*  
[Poppelsdorfer Allee 45, Vortragssaal HIM](#)
- 11.50–12.10 Hausdorff School  
**Marija Galic (University of Zagreb):** *Existence of a weak solution to a 3d nonlinear, moving boundary FSI problem*  
[Endenicher Allee 60, Raum 2.008](#)
- 12.15–12.30 Hausdorff School  
**Gianmarco Sperone (Politecnico di Milano):** *Some remarks on the forces exerted by a viscous fluid on a blu body*  
[Endenicher Allee 60, Raum 2.008](#)
- 13.30–14.45 Summer School on “New Frontiers in Singular SPDEs and Scaling Limits”  
**Fabio Toninelli (Université Claude Bernard Lyon 1):** *(2 + 1)-dimensional growth and Anisotropic KPZ class (III)*  
[Poppelsdorfer Allee 45, Vortragssaal HIM](#)
- 14.00–15.00 Seminar on Algebra, Geometry and Physics  
**Jeanne Scott (Universidad de los Andes):** *Perturbing an isoradial triangulation*  
[Vivatsgasse 7, Hörsaal MPI](#)
- 14.30–15.30 Hausdorff School  
**Mark Peletier (Eindhoven University of Technology):** *Gradient systems and evolutionary Gamma convergence*  
[Endenicher Allee 60, Raum 2.008](#)

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| 14.45–16.00 | Summer School on “New Frontiers in Singular SPDEs and Scaling Limits”<br><b>Nikolaos Zygouras (University of Warwick):</b> <i>The 2d KPZ as a marginally relevant disordered system (II)</i><br><a href="#">Poppelsdorfer Allee 45, Vortragssaal HIM</a>         |
| 16.00–17.00 | Hausdorff School<br><b>Céline Grandmont (Inria):</b> <i>Modeling and Analysis of some Fluid-Structure Interaction Problems</i><br><a href="#">Endenicher Allee 60, Raum 2.008</a>  |
| 16.30–17.45 | Summer School on “New Frontiers in Singular SPDEs and Scaling Limits”<br><b>Fabio Toninelli (Université Claude Bernard Lyon 1):</b> <i>(2 + 1)-dimensional growth and Anisotropic KPZ class (IV)</i><br><a href="#">Poppelsdorfer Allee 45, Vortragssaal HIM</a> |
| 17.00–18.00 | Hausdorff School<br><b>Josef Málek (Charles University):</b> <i>PDE large data analysis for unsteady flows of non-Newtonian fluids</i><br><a href="#">Endenicher Allee 60, Raum 2.008</a>  |

## Mittwoch, 25.09.2019

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| 09.15–10.15 | Hausdorff School<br><b>Mark Peletier (Eindhoven University of Technology):</b> <i>Gradient systems and evolutionary Gamma convergence</i><br><a href="#">Endenicher Allee 60, Raum 2.008</a>  |
| 09.15–10.30 | Summer School on “New Frontiers in Singular SPDEs and Scaling Limits”<br><b>Nikolaos Zygouras (University of Warwick):</b> <i>The 2d KPZ as a marginally relevant disordered system (III)</i><br><a href="#">Poppelsdorfer Allee 45, Vortragssaal HIM</a> |
| 10.45–11.45 | Hausdorff School<br><b>Josef Málek (Charles University):</b> <i>PDE large data analysis for unsteady flows of non-Newtonian fluids</i><br><a href="#">Endenicher Allee 60, Raum 2.008</a>   |
| 11.00–12.15 | Summer School on “New Frontiers in Singular SPDEs and Scaling Limits”<br><b>Nikolaos Zygouras (University of Warwick):</b> <i>The 2d KPZ as a marginally relevant disordered system (IV)</i><br><a href="#">Poppelsdorfer Allee 45, Vortragssaal HIM</a>  |
| 11.45–12.45 | Hausdorff School<br><b>Mark Peletier (Eindhoven University of Technology):</b> <i>Gradient systems and evolutionary Gamma convergence</i><br><a href="#">Endenicher Allee 60, Raum 2.008</a>  |
| 14.30–15.30 | Number theory lunch seminar<br><b>Lucile Devin (University of Montreal):</b> <i>Reaching every possible Chebyshev’s bias in function fields</i><br><a href="#">Vivatsgasse 7, Hörsaal MPI</a>   |

## Donnerstag, 26.09.2019

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|-------------|---|
| 09.15–10.15 | Hausdorff School<br><b>Céline Grandmont (Inria):</b> <i>Modeling and Analysis of some Fluid-Structure Interaction Problems</i><br><a href="#">Endenicher Allee 60, Raum 2.008</a>   |
| 10.45–11.45 | Hausdorff School<br><b>Alexander Mielke (Weierstraß-Institut und Humboldt-Universität zu Berlin):</b> <i>Variational methods in time-dependent material models with finite-strain deformations</i><br><a href="#">Endenicher Allee 60, Raum 2.008</a> |

**Donnerstag, 26.09.2019**

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| 11.00–12.15 | Summer School on “New Frontiers in Singular SPDEs and Scaling Limits”<br><b>Felix Otto (Max Planck Institute Leipzig):</b> <i>Singular quasi-linear stochastic PDEs (I)</i><br><a href="#">Poppelsdorfer Allee 45, Vortragssaal HIM</a>               |
| 11.50–12.10 | Hausdorff School<br><b>Mario Varga (TU Dresden):</b> <i>Stochastic homogenization of elasto-plastic spring networks</i><br><a href="#">Endenicher Allee 60, Raum 2.008</a>  |
| 12.15–12.30 | Hausdorff School<br><b>Karina Kowalczyk (University of Bonn):</b> <i>Homogenization for compressible fluids</i><br><a href="#">Endenicher Allee 60, Raum 2.008</a>  |
| 13.30–14.45 | Summer School on “New Frontiers in Singular SPDEs and Scaling Limits”<br><b>Felix Otto (Max Planck Institute Leipzig):</b> <i>Singular quasi-linear stochastic PDEs (II)</i><br><a href="#">Poppelsdorfer Allee 45, Vortragssaal HIM</a>              |
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| 15.00–16.00 | MPI-Oberseminar<br><b>Wenzhao Chen, Marco d’Addezio, Anthony Conway:</b> <i>New guests at the MPIM</i><br><a href="#">Vivatsgasse 7, Hörsaal MPI</a>  |
| 16.00–17.00 | Hausdorff School<br><b>Alexander Mielke (Weierstraß-Institut und Humboldt-Universität zu Berlin):</b> <i>Variational methods in time-dependent material models with finite-strain deformations</i><br><a href="#">Endenicher Allee 60, Raum 2.008</a> |
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**Freitag, 27.09.2019**

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