

# VERANSTALTUNGSKALENDER der Bonner Mathematik

Die Termine vom 22.04.2019 bis 28.04.2019

Mathematisches Institut

Institut für Numerische Simulation

Hausdorff Research Institute for Mathematics

Institut für Angewandte Mathematik

Max-Planck-Institut für Mathematik

Forschungsinstitut für Diskrete Mathematik



## Dienstag, 23.04.2019

- 12.30–14.00 Lecture course by Stavros Garoufalidis  
**Stavros Garoufalidis (MPIM, Bonn):** *Recent developments in Quantum Topology*  
[Vivatsgasse 7, Hörsaal MPI](#)
- 14.00–16.00 SFB/TR-45-Seminar  
**Isabell Grosse-Brauckmann:** *SFB TR45 Seminar Problems and recent developments in hyperk geometry: Lagrangian fibrations II*  
[Endenicher Allee 60, Raum 0.011](#)
- 14.15 Oberseminar Global Analysis and Operator Algebras  
**Walter van Suijlekom (Radboud University Nijmegen):** *Entropy and the spectral action in noncommutative geometry*  
[Endenicher Allee 60, Raum 0.008](#)
- 14.15–16.00 Arithmetische Geometrie-Oberseminar (ARGOS)  
**Dr. Dustin Clausen (Uni Bonn):** *The Arithmetic Fundamental Lemma*  
[Endenicher Allee 60, Raum 0.006](#)
- 16.30–18.00 Lecture by Prof. Don Zagier  
**Don Zagier (MPIM, Bonn):** *Vertex Operator Algebras and Modular Forms*  
[Vivatsgasse 7, Hörsaal MPI](#)

## Mittwoch, 24.04.2019

- 14.30–15.30 Number theory lunch seminar  
**Lance Gurney (University of Amsterdam):** *Canonical Lifts in Families and delta-structures*  
[Vivatsgasse 7, Hörsaal MPI](#)
- 16.30–18.00 IMPRS seminar on various topics: operads  
**Benjamin Ruppik (MPIM, Bonn):** *Homology of the little disks operad*  
[Vivatsgasse 7, Seminarraum MPI](#)

## Donnerstag, 25.04.2019

- 10.30–11.30 Seminar Algebraic Geometry (SAG)  
**Charles Vial (Bielefeld):** *Distinguished cycles on hyperKähler varieties*  
[Vivatsgasse 7, Hörsaal MPI](#)

**Donnerstag, 25.04.2019**

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| 15.00–16.00 | MPI-Oberseminar<br><b>Nikolaos Tziolas (University of Cyprus/MPIM, Bonn):</b> <i>Families of surfaces of general type</i><br><a href="#">Vivatsgasse 7, Hörsaal MPI</a>         |
| 16.00–18.00 | Arbeitsgemeinschaft Arithmetische Geometrie<br><b>Lucas Mann (Uni Bonn):</b> <i>q-connections and p-adic local system, I</i><br><a href="#">Endenicher Allee 60, Raum 0.006</a> |
| 16.30–17.30 | Oberseminar Differentialgeometrie<br><b>Zhaohu Nie (Utah State University/MPIM, Bonn):</b> <i>On elliptic Toda systems</i><br><a href="#">Vivatsgasse 7, Hörsaal MPI</a>        |

**Freitag, 26.04.2019**

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| 12.00–13.00 | Oberseminar Representation Theory<br><b>Hans Franzen (Ruhr-Universität Bochum):</b> <i>Some cohomological and geometric properties of quiver Grassmannians</i><br><a href="#">Endenicher Allee 60, Raum 1.007</a> |
| 13.00–14.00 | "What is...?" seminar<br><b>João Nuno Mestre (MPIM, Bonn):</b> <i>What is a Lie groupoid?</i><br><a href="#">Vivatsgasse 7, Hörsaal MPI</a>   |
| 14.00–15.00 | "What is...?" seminar<br><b>Pedro Lemos (University of Warwick/MPIM, Bonn):</b> <i>What are modular curves?</i><br><a href="#">Vivatsgasse 7, Hörsaal MPI</a>   |
| 15.30–16.30 | "What is...?" seminar<br><b>Hsueh-Yung Lin (Universität Bonn):</b> <i>What is the Hodge conjecture?</i><br><a href="#">Vivatsgasse 7, Hörsaal MPI</a>   |