

Oberseminar Logik und Geometrie

Prof. Dr. Tobias Kaiser, Prof. Dr. Moritz Müller

Sommersemester 2024

- Dienstag, 16. April, 14:15, SR 034: **Tobias Kaiser** (Universität Passau)
Semialgebraicity of the Convergence Domain of an Algebraic Power Series
- Dienstag, 23. April, 14:15, SR 034: **Michele Serra** (TU Dortmund)
Automorphisms and Derivations on Infinite Summability Algebras
- Dienstag, 30. April, 14:15, SR 034: **Tim Jüttner** (Universität Passau)
 η_α -Fields (Seminarvortrag Masterstudium)
- Dienstag, 7. Mai,
 - 14:15, SR 034: **Jonathan Adler** (Universität Passau)
The Real Spectrum of $\mathbb{R}[X_1, \dots, X_n]$ (Seminarvortrag Masterstudium)
 - 17:00, HS 11: **Manuel Bodirsky** (TU Dresden)
A Complexity Dichotomy in Spatial Reasoning via Ramsey Theory (Kolloquium)
- Dienstag, 14. Mai, 14:15, SR 034:
 - **Ondřej Ježil** (Charles University Prague)
Primes, feasible computation and reasoning
 - **Mykyta Narusevych** (Charles University Prague)
Towards new methods for unprovability results in bounded arithmetic: analysis of games
- Dienstag, 28. Mai, 14:15, SR 034: **Moritz Müller** (Universität Passau)
Magnification Theory

- Dienstag, 4. Juni, 14:15, SR 034: **Azza Gaysin** (Universität Passau)
Correspondence between first- and second- sorted theories of Bounded Arithmetic
- Dienstag, 11. Juni, 14:15, SR 034: **Melvin Yeung** (Hasselt University)
Natural Levels in Return Maps of Polycycles
- Dienstag, 18. Juni, 14:15, SR 034: **Daniel Yoon** (Universität Passau)
Introduction to Logarithmic-Exponential Series and Non-Definability Results
- Mittwoch, 19. Juni, bis Freitag, 21. Juni, IM 242:

European Championship Model Theory Days Passau

<https://www.fim.uni-passau.de/professur-reine-mathematik/european>

- Dienstag, 2. Juli, 14:15, SR 034: **Johannes Heil** (Universität Passau)
Model-theoretic witnessing (Seminarvortrag Masterstudium)
- Dienstag, 9. Juli, 14:15, SR 034: **Yijia Chen** (Jiaotong University Shanghai)
From a logic for P to a p -optimal proof system for TAUT via a halting problem.
- Dienstag, 16. Juli, 14:15, SR 034: **Christoph Brackenhofer** (Universität Freiburg)
Periods and PA-Cohomology