



## Conference in Memory of Yuri Manin

### Program

#### Mon, 11 Aug 2025

- 08:00 - 09:00      **Registration**
- 09:00 - 10:05      MPIM Lecture Hall  
DON ZAGIER (MPIM)  
**Rankin-Cohen algebras and  $\mathfrak{sl}_2$ -algebras**
- 10:05 - 10:40      MPIM Tea Room  
**Tea break**
- 10:40 - 11:45      MPIM Lecture Hall  
VLADIMIR DRINFELD (UNIVERSITY OF CHICAGO)  
**Sheared Witt vectors and Barsotti-Tate groups**
- 11:55 - 13:00      MPIM Lecture Hall  
HÉLÈNE ESNAULT (FREIE UNIVERSITÄT BERLIN)  
**Algebraic flat connections and o-minimality**

#### Tue, 12 Aug 2025

- 09:00 - 10:05      MPIM Lecture Hall  
KYOJI SAITO (KYOTO UNIVERSITY)  
**Semi-infinite Hodge structure and primitive forms for hyperbolic root systems of rank 2**
- 10:05 - 10:40      MPIM Tea Room  
**Tea break**
- 10:40 - 11:45      MPIM Lecture Hall  
VLADIMIR BERKOVICH (WEIZMANN INSTITUTE OF SCIENCE)  
**Hodge theory for non-Archimedean analytic spaces**
- 11:55 - 13:00      MPIM Lecture Hall  
MATILDE MARCOLLI (CALIFORNIA INSTITUTE OF TECHNOLOGY)  
**Adelic Percolation**
- 13:00 - 14:40      **Lunch break**
- 14:40 - 15:45      MPIM Lecture Hall  
IVAN CHEREDNIK (UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL)  
**Q-Zeta and Elliptic Hall Polynomials**
- 16:00 - 16:30      MPIM Tea Room  
**Tea break**
- 16:30 - 18:30      MPIM Lecture Hall  
**Non-math sessions**

## Wed, 13 Aug 2025

- 09:00 - 10:05  
MPIM Lecture Hall  
YURIY ZARKHIN (PENNSYLVANIA STATE UNIVERSITY)  
**Jacobians and intermediate Jacobians with additional symmetries**
- 10:05 - 10:40  
MPIM Tea Room  
**Tea break**
- 10:40 - 11:45  
MPIM Lecture Hall  
ALEXEI SKOROBOGATOV (IMPERIAL COLLEGE LONDON)  
**The Brauer group of an abelian variety**
- 11:55 - 13:00  
MPIM Lecture Hall  
VADIM SCHECHTMAN (UNIVERSITÉ PAUL SABATIER)  
**Bruhat operads**
- 13:00 - 14:40  
**Lunch break**
- 14:40 - 15:45  
MPIM Lecture Hall  
MARIUSZ WODZICKI (UNIVERSITY OF CALIFORNIA, BERKELEY)  
**Unsuspected depth of the First Concepts (not streamed via Zoom)**
- 16:00 - 16:30  
MPIM Tea Room  
**Tea break**
- 16:30 - 18:30  
MPIM Lecture Hall  
**Non-math sessions**

## Thu, 14 Aug 2025

- 09:00 - 10:05  
MPIM Lecture Hall  
BRUNO VALLETTE (UNIVERSITÉ SORBONNE PARIS NORD)  
**Effective integration of Lie type algebras**
- 10:05 - 10:40  
MPIM Tea Room  
**Tea break**
- 10:40 - 11:45  
MPIM Lecture Hall  
ALEXANDER VORONOV (UNIVERSITY OF MINNESOTA)  
**Mysterious Triality**
- 11:55 - 13:00  
MPIM Lecture Hall  
BORIS TSYGAN (NORTHWESTERN UNIVERSITY)  
**Gauss-Manin connection and noncommutative calculus, revisited**
- 13:00 - 14:40  
**Lunch break**
- 14:40 - 15:45  
MPIM Lecture Hall  
VERA SERGANOVA (UNIVERSITY OF CALIFORNIA, BERKELEY)  
**Geometric aspects of representation theory of supergroups**
- 16:00 - 16:30  
MPIM Tea Room  
**Tea break**
- 19:00 - 21:00  
**Dinner**

**Fri, 15 Aug 2025**

09:00 - 10:05

MPIM Lecture Hall  
DUSTIN CLAUSEN (IHES)  
**Refining Weil groups**

10:05 - 10:40

MPIM Tea Room  
**Tea break**

10:40 - 11:45

MPIM Lecture Hall  
YURI TSCHINKEL (NEW YORK UNIVERSITY)  
**Equivariant birational geometry**

11:55 - 13:00

MPIM Lecture Hall  
ALEXANDER BEILINSON (UNIVERSITY OF CHICAGO)  
**Some questions about singular support of étale sheaves (not streamed via Zoom)**