



Berlin  
Mathematical  
School

# BMS Days 2018

19 - 20 February 2018

BMS Loft, Urania, An der Urania 17, 10787 Berlin

## Monday, 19 February 2018

- 09:45 Welcome
- 10:00 BMS Program and Student Life
- 11:00 Sylvie Roelly (U Potsdam): (Random) dynamical sphere packing
- 12:00 Lunch Break / Group Meetings / Individual Interviews
- 15:30 Timo de Wolff (TU Berlin): An introduction to nonnegativity and polynomial optimization
- 17:00 Reception

## Tuesday, 20 February 2018

- 10:00 "What is... ?" Seminar
- 11:00 Frank Noé (FU Berlin): Finding tiny black swans: Mathematics for the very small and the very rare
- 12:00 Lunch Break / Group Meetings / Individual Interviews
- 15:30 Bruno Klingler (HU Berlin): What is... the Hodge conjecture?
- 16:30 BMS Math Quiz (organized by BMS students)
- 20:00 Beer Night (organized by BMS students)

Please note: the BMS Days are followed by the BMS Student Conference.