

Workshop: Integral p-adic Hodge Theory

Programm

Montag 10.4.17, Raum U2-205

- 9:00 - 10:30 Perfectoid rings and algebras, Timo Henkel
- 10:30 - 11:00 Kaffeepause
- 11:00 - 12:30 Breuil-Kisin-Fargues modules, Lance Gurney
- 14:30 - 16:00 Perfectoid spaces and almost purity, Matthias Weirich
- 16:00 - 16:30 Kaffeepause
- 16:30 - 18:00 Rational p-adic Hodge theory, Marcin Lara

Dienstag 11.4.17, Raum U2-205

- 9:00 - 10:30 The $L\eta$ operator, Tanya Kaushal
- 10:30 - 11:00 Kaffeepause
- 11:00 - 12:30 The complex $\tilde{\Omega}_{\mathfrak{x}}$, Lennart Gehrmann
- 14:30 - 16:00 The complex $A\Omega_{\mathfrak{x}}$, Eike Lau
- 16:00 - 16:30 Kaffeepause
- 16:30 - 18:00 The relative de Rham-Witt complex, Oli Gregory

Mittwoch 12.4.17, Raum U2-205

- 9:00 - 10:30 Comparison with de Rham-Witt complexes, Kay Rülling
- 10:30 - 11:00 Kaffeepause
- 11:00 - 12:30 Comparison with crystalline cohomology over A_{crys} , Paul Hamacher
- 14:30 - 16:00 Rational p-adic Hodge theory revisited, Andreas Langer
- 16:00 - 16:30 Kaffeepause
- 16:30 - 18:00 Proof of the main theorems, Johannes Anschütz