

COLLOQUIUM IN HONOR OF HELMUT KOCH'S 80TH BIRTHDAY

26 - 27 October 2012

at the **Department of Mathematics** of the **Humboldt-Universität zu Berlin**

Meeting place: Rudower Chaussee 26 - Erwin-Schrödinger-Haus, room 0'110 - Berlin Adlershof

Program

Friday 26 October 2012:

14:00 – 14:10 Welcome

14:10 – 15:10 Kay Wingberg: Die Arbeiten von Helmut Koch zur Algebraischen Zahlentheorie, talk

15:10 – 16:10 Thomas Zink: Truncated Barsotti-Tate groups and displays

16:10 – 16:40 Coffee break

16:40 – 17:40 Klaus Haberland: On the arithmetic of some $K3$ -surfaces

17:40 – 18:40 Alexey Parshin: Automorphic induction for the higher Langlands correspondence, talk

Saturday 27 October 2012:

10:00 – 11:00 Alexander Schmidt: Knots, primes and mild pro- p -groups

11:00 – 12:00 Michael Rapoport: New cases of p -adic uniformization

12:00 – 13:00 Lunch break

13:00 – 14:00 Guy Henniart: On conductors for pairs

14:00 – 15:00 Ehud de Shalit: On the cohomology of p -adically uniformized varieties and L -invariants

John Labute will not present his talk at the colloquium:

Linking Numbers, Mild Groups and the Tame Fontaine-Mazur Conjecture