

Programme on
“Arithmetic Geometry and Automorphic Representations”

April 7 - May 29, 2015

organized by

Stephen S. Kudla (U Toronto), Michael Rapoport (U Bonn), Joachim Schwermer (U Vienna)

Workshop I on

“Local Models of Shimura Varieties and related Topics”

April 20 - 24, 2015

- **Monday, April 20, 2015**

09:00 – 09:30 **Opening & Registration**

09:30 – 10:30 **Ulrich Görtz (U Duisburg-Essen)**

Basic loci of Coxeter type in Shimura varieties

10:30 – 11:00 *coffee / tea break*

11:00 – 12:00 **Thomas Zink (U Bielefeld)**

Displays for varieties of K3-type

- **Tuesday, April 21, 2015**

09:30 – 10:30 **Brian Smithling (Johns Hopkins U)**

On the moduli descriptions of some local models

10:30 – 11:00 *coffee / tea break*

11:00 – 12:00 **Thomas Haines (U Maryland)**

The strongly admissible set and the Pappas-Rapoport-Smithling conjecture

- **Wednesday, April 22, 2015**

09:30 – 10:30 **Eugen Hellmann (U Bonn)**

Degenerations of families of trianguline Galois representations

10:30 – 11:00 *coffee / tea break*

11:00 – 12:00 **Ulrich Görtz (U Duisburg-Essen)**

Local models and quiver Grassmannians

- **Thursday, April 23, 2015**

09:30 – 10:30 **Thomas Haines (U Maryland)**

Local models for $\Gamma_1(p)$ -level structure, I

10:30 – 11:00 *coffee / tea break*

11:00 – 12:00 **Michael Rapoport (U Bonn)**

Arithmetic Transfer and local models

- **Friday, April 24, 2015**

09:30 – 10:30 **Benoit Stroh (U Paris 13)**

Local models for $\Gamma_1(p)$ -level structure, II

10:30 – 11:00 *coffee / tea break*

11:00 – 12:00 **Anthony Scholl (U Cambridge)**

Plectic cohomology of Shimura varieties

All talks take place at the ESI, Boltzmann Lecture Hall!