

Program of the International Conference

„Recent Trends in Endoscopy and Representation Theory“

October 17th - October 22nd 2005

Monday

Lecture room: 1.013, Johann von Neumann-Haus

- 09:30 - 09:45 Welcome
09:45 - 10:45 **C. Moeglin, Université Paris 7**
Arthur's packet in a combinatorial point of view
Coffee Break
11:15 - 12:15 **J.-P. Labesse, Université Aix-Marseille 2**
Image of the local norm map for twisted endoscopy
Lunch
14:00 - 15:00 **S. DeBacker, University of Michigan, Ann Arbor**
Distributions associated to cuspidal local systems
Coffee Break
15:30 - 16:30 **F. Murnaghan, University of Toronto**
Equivalence of tame supercuspidal representations
Break
16:45 - 17:45 **L. Clozel, Université Paris-Orsay**
Stability of Arthur's category of representations

Tuesday

Lecture room: 1.013, Johann von Neumann-Haus

- 09:30 - 10:30 **M. Harris, Université Paris 7**
Symmetric powers of elliptic curves and Calabi-Yau varieties
Coffee Break
11:00 - 12:00 **H. Kim, University of Toronto**
Functoriality of twisted exterior square
Lunch
13:30 - 14:30 **F. Shahidi, Purdue University**
Stability of root numbers and analysis on certain quotient spaces
Break
15:00 - 16:00 **S. Böcherer, Universität Mannheim**
 p -adic properties of triple- L -functions
Coffee Break
16:30 - 17:30 **C. Bushnell, King's College, London**
Some new thoughts on $GL(2)$

Wednesday

Lecture room: Conference room Erwin Schrödinger-Zentrum

- 09:15 - 10:15 **A.-M. Aubert, Université Paris 7**
A non-commutative geometry approach to Hecke algebras
of reductive p -adic groups
Coffee Break
10:30 - 11:30 **D. Prasad, Tata Institute Bombay**
Self-dual representations of finite and p -adic groups
14:00 - 17:00 Sightseeingtour

Thursday

Lecture room: 1.013, Johann von Neumann-Haus

- 09:30 - 10:30 **B.-C. Ngo, Université Paris-Orsay**
Hitchin fibration and endoscopy
Coffee Break
- 11:00 - 12:00 **J.F. Dat, Université Paris-Nord**
Fundamental lemma for unitary groups,
after Laumon and Ngo
Lunch
- 14:00 - 15:00 **J. Adler, University of Akron**
The local character expansion near a tame, semisimple element
(joint work with J. Korman)
Coffee Break
- 15:30 - 16:30 **Y. Varshavsky, University of Jerusalem**
Towards global Langlands correspondence over
function fields

Friday

Lecture room: 1.013, Johann von Neumann-Haus

- 09:30 - 10:30 **G. Muic, University of Zagreb**
The structure of theta lifts of discrete series for
dual pairs $(\mathrm{Sp}(n), \mathrm{O}(V))$
Coffee Break
- 11:00 - 12:00 **D. Goldberg, Purdue University**
On Shahidi's crude functional equation for non-generic
representations
Lunch
- 14:00 - 14:15 Welcome to the Colloquium
in Honour of the 60th Birthday of E.-W. Zink
- 14:15 - 15:15 **H. Koch, Humboldt-Universität zu Berlin**
On the scientific work of Ernst-Wilhelm Zink
Coffee Break
- 15:45 - 16:45 **A. Silberger, Cleveland University**
Level Zero Jacquet-Langlands and finite field base change
Break
- 17:00 - 18:00 **C.-G. Schmidt, Universität Karlsruhe**
The Rankin-Selberg pairing in cohomology
- 19:00 - 22:00 Festive dinner

Saturday

Lecture room: 1.013, Johann von Neumann-Haus

- 09:30 - 10:30 **P. Schneider, Universität Münster**
 p -adic Banach-Hecke algebras and crystalline
Galois representations
Coffee Break
- 10:45 - 11:45 **H. Opolka, Universität Braunschweig**
Central simple algebras and Galois representations
Break
- 12:00 - 13:00 **G. Henniart, Université Paris-Orsay**
Recent progress on the Jacquet-Langlands correspondence