

Doctoral School: Introduction to Relative Aspects in Representation Theory, Langlands Functoriality and Automorphic Forms

16 - 20 May 2016

	MONDAY 16	TUESDAY 17	WEDNESDAY 18	THURSDAY 19	FRIDAY 20
9.10-9.20	Welcome				
09.20-10.50	Dipendra Prasad Coffee Break	09.45-10.45 Omer Offen Coffee Break	09.45-10.45 Omer Offen Coffee Break	09.15-10.45 Dipendra Prasad Coffee Break	09.00-10.00 Erez Lapid Coffee Break
11.20-12.20	Fiona Murnaghan Lunch break	11.20-12.20 Fiona Murnaghan Lunch break	11.20-12.20 Fiona Murnaghan Lunch break	11.20-12.20 Fiona Murnaghan Lunch break	10.15-11.15 Raphaël Beuzart-Plessis 11.20-12.20 Josh Lansky
14.30-15.30	Dipendra Prasad Coffee Break	14.30-15.30 Omer Offen Coffee Break		14.30-15.30 Omer Offen Coffee Break	Lunch break
16.00-17.30	Ioan Badulescu	16.00-17.30 Ioan Badulescu	18.00-19.00 Tutorial	16.00-17.00 Ioan Badulescu	

Dipendra Prasad : Introduction to representation theory of p-adic groups, parabolic induction, Jacquet modules.
The local Langlands correspondence: Functoriality, L-functions, gamma functions and the epsilon factors.

Fiona Murnaghan : Reductive p-adic symmetric spaces/varieties, distinguished representations, parabolic subgroups adapted to involutions of reductive groups, relative (i.e. symmetric space) analogue of Jacquet's subrepresentation theorem, relatively supercuspidal representations and relative discrete series representations..

Alexandru Ioan Badulescu : An introduction to trace formula and application to the Jacquet-Langlands correspondence for $GL(n)$, cf. Paper of Badulescu in *Inventiones*, 2008 (383-438).

Omer Offen : Relative trace formula and applications to symplectic periods both locally and globally.

Raphaël Beuzart-Plessis: Introduction to the local Gan-Gross-Prasad conjectures for orthogonal and unitary groups

Joshua Lansky: Tame Supercuspidal Representations of $GL(n)$ Distinguished by Orthogonal Groups

Erez Lapid: TBA