

Workshop on Motives, Galois Representations and Cohomology Around the Langlands Program

Date: Monday, November 6
Topic: Functoriality and algebraic cycles
Speaker: Kartik Prasanna, University of Michigan
Time/Room: 10:00am - 11:00am/S-101

Date: Monday, November 6
Topic: p-adic etale cohomology of p-adic symmetric spaces
Speaker: Pierre Colmez, Universite Pierre et Marie Curie; Member, School of Mathematics
Time/Room: 11:30am - 12:30pm/S-101

Date: Monday, November 6
Topic: The mod p derived spherical Hecke algebra: structure and applications
Speaker: Niccolò Ronchetti, Stanford University
Time/Room: 2:30pm - 3:30pm/S-101

Date: Monday, November 6
Topic: Algorithms for the topology of arithmetic groups and Hecke actions
Speaker: Michael Lipnowski, Member, School of Mathematics
Time/Room: 4:00pm - 5:00pm/S-101

Date: Tuesday, November 7
Topic: Higher Hida theory
Speaker: Vincent Pilloni, CNRS
Time/Room: 10:00am - 11:00am/S-101

Date: Tuesday, November 7
Topic: Modularity lifting theorems for non-regular symplectic representations
Speaker: George Boxer, University of Chicago
Time/Room: 11:30am - 12:30pm/S-101

Date: Tuesday, November 7
Topic: Potential automorphy of some compatible systems over CM fields
Speaker: Patrick Allen, University of Illinois at Urbana-Champaign; Member, School of Mathematics
Time/Room: 2:30pm - 3:30pm/S-101

Date: Tuesday, November 7
Topic: Automorphy of mod 3 representations over CM fields
Speaker: Chandrashekar Khare, University of California, Los Angeles
Time/Room: 4:00pm - 5:00pm/S-101

Date: Wednesday, November 8
Topic: Topological and arithmetic intersection numbers attached to real quadratic cycles
Speaker: Henri Darmon, McGill University
Time/Room: 10:00am - 11:00am/S-101

Date: Wednesday, November 8
Topic: An Euler system for genus 2 Siegel modular forms
Speaker: David Loeffler, University of Warwick
Time/Room: 11:30am - 12:30pm/S-101

Date: Wednesday, November 8
Topic: A derived Hecke algebra in the context of the mod p Langlands program
Speaker: Rachel Ollivier, University of British Columbia
Time/Room: 2:30pm - 3:30pm/S-101

Date: Wednesday, November 8
Topic: Computations in the topology of locally symmetric spaces
Speaker: Mark McConnell, Princeton University
Time/Room: 4:00pm - 5:00pm/S-101

Date: Thursday, November 9
Topic: Pseudorepresentations and the Eisenstein ideal
Speaker: Preston Wake, University of California, Los Angeles
Time/Room: 10:00am - 11:00am/S-101

Date: Thursday, November 9
Topic: Higher Eisenstein elements in weight 2 and prime level
Speaker: Emmanuel Lecoutourier, IMJ-PRG
Time/Room: 11:30am - 12:30pm/S-101

Date: Thursday, November 9
Topic: Exceptional splitting of reductions of abelian surfaces with real multiplication
Speaker: Yunqing Tang, Princeton University
Time/Room: 2:30pm - 3:30pm/S-101

Date: Thursday, November 9
Topic: Models for Galois deformation rings
Speaker: Brandon Levin, University of Chicago
Time/Room: 4:00pm - 5:00pm/S-101

Date: Friday, November 10
Topic: Solvable descent for cuspidal automorphic representations of $GL(n)$ ' (work in progress)
Speaker: Laurent Clozel, Universite Paris-Sud; Member, School of Mathematics
Time/Room: 10:00am - 11:00am/S-101

Date: Friday, November 10
Topic: Zagier's conjecture on zeta $(F,4)$
Speaker: Alexander Goncharov, Yale University; Member, School of Mathematics
Time/Room: 11:30am - 12:30pm/S-101