

## Lecture plan and speakers

Tu	Vatsal 9:30-10:30	*Skinner/Urban 10:45-12:15	lunch	Tilouine 2:00-3:00	coffee	Tilouine 3:30-4:30	Dasgupta 4:45-5:45	
W	*Skinner/Urban 9:30-11:00	Skinner/Urban 11:15-12.15	lunch	Dasgupta 2:00-3:00	coffee	Sharifi 3:30-4:30	Prasanna 4:45-5:45	
Th	Sharifi 9:15-10:15	Prasanna 10:25-11.25	Vatsal 11:35-12:35	lunch	Kakde 2:00-3:00	coffee	Dasgupta* 3:30-5:00	Free
F	*Weinstein 9:15-10:45	Tilouine 11:00-12.00	lunch	Vatsal 1:30-2:30	coffee	Sharifi 3:00-4:00	Skinner/Urban 4:10-5:10	Banquet 5:30-8:30
S	*Brakocevic 9:15-10:30	*Januszewski 10:45-12.00	lunch	Kakde 1:30-2:30	coffee	Pilloni 3:00-4:00	Skinner/Urban 4:10-5:10	Excursion 5:30-
S	Skinner/Urban 9:15-10:15	Januszewski 10:25-11.25	Pilloni 11:35-12.35	end				

\*90minutes/75 minutes

Title:

- Miljan Brakocevic (UCLA):  
*Anticyclotomic  $p$ -adic  $L$ -function of central critical Rankin-Selberg  $L$ -value*
- Samit Dasgupta (UCSC)  
*Hida families and Gross--Stark units over totally real fields*
- Fabian Januszewski (Karlsruhe Institute of Technology)  
 *$p$ -adic Rankin-Selberg convolutions*
- Mahesh Kakde (University College London)  
*Noncommutative main conjecture of Iwasawa theory for totally real number field*
- Vincent Pilloni (Columbia University)  
*Geometric overconvergent modular forms*
- Kartik Prasanna (University of Michigan)  
 *$p$ -adic  $L$ -functions and the Griffiths group*
- Romyar Sharifi (University of Arizona)  
*Galois cohomology, Iwasawa theory, and  $p$ -adic  $L$ -functions*
- Chris Skinner (Princeton University) and Eric Urban (Columbia University)  
*Pull-back formulas, differential operators and construction of  $p$ -adic families of holomorphic cusp forms for unitary groups*
- Jacques Tilouine (Universite de Paris Nord)  
*Introduction to companion modular forms*
- Vinayak Vatsal (University of British Columbia)  
*Algebraicity of  $L$  functions for  $GL_2$*
- Jared Weinstein (UCLA)  
*Local Langlands and the tower of modular curves*

Abstracts and outlines of the lectures are posted on the web:

<http://www.math.ucla.edu/~galois07/>