

STNB 2017

SEMINARI DE TEORIA DE NOMBRES DE BARCELONA
BARCELONA NUMBER THEORY SEMINAR (UB-UAB-UPC)



SEMINARI DE TEORIA DE NOMBRES DE BARCELONA

31a edició, 23-27 de gener de 2017

Facultat de Matemàtiques, Universitat de Barcelona, Aules T1 (2n pis) i B3

PROGRAMA

Dilluns, 23 de gener, aula T1

- 9:50- 9:55 Benvinguda
10:00-11:15 The space of ordinary forms, SANTIAGO MOLINA
11:45-13:00 The space of Λ -adic modular forms and the Eisenstein family, XAVIER GUITART

15:00-16:00 Stark's conjectures and generalized Kato classes, ÓSCAR RIVERO
16:05-16:35 On Selmer groups and factoring p -adic L -functions, ENIS KAYA
16:55-17:55 Asymptotic Fermat's Last Theorem over Number Fields, HALUK SENGUN

Dimarts, 24 de gener, aula B3

- 10:00-11:15 p -adic analog of BSD conjecture, ÓSCAR RIVERO
11:45-13:00 The structure of the space of Λ -adic modular forms, FRANCESC FITÉ

15:00-16:00 On Maeda's conjecture, PALOMA BENGOCHEA
16:05-16:35 Galois representations with values in mod p Hecke algebras, LAIA AMORÓS
16:55-17:55 CM cycles on Kuga-Sato varieties over Shimura curves and Selmer groups, CARLOS DE VERA

Dimecres, 25 de gener, aula B3

- 10:00-11:15 The exceptional zero conjecture, DANIEL BARRERA
11:45-13:00 A second derivative result for p -adic L -functions, CARLOS DE VERA

Dijous, 26 de gener, aula B3

- 10:00-11:15 The Mazur-Tate-Teitelbaum conjecture in the rank one setting, VICTOR ROTGER
11:45-13:00 Overconvergent modular symbols and the cuspidal eigencurve, CHRIS WILLIAMS

15:00-16:00 Algorisme de determinació d'estructures Hopf Galois i les propietats, MARTA SALGUERO
16:05-16:35 Lattice points in elliptic paraboloids, CARLOS PASTOR
16:55-17:25 A multi-Frey approach to some Fermat type equations, NUNO FREITAS
17:30-18:00 Asymptotic distribution of Hecke points over \mathbb{C}_p , SEBASTIÁN HERRERO

20:30 Sopar del STNB2017.

Divendres, 27 de gener, aula B3

- 10:00-11:15 The rationality of traces of Stark-Heegner points, MARC MASDEU
11:45-13:00 The eigencurve: geometric construction, ADEL BETINA
13:10-13:30 Cloenda

Amb suport parcial de l'IMUB i de la BGSMATH

Més informació a <http://stnb.cat>

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