

Représentations galoisiennes, formes automorphes et leurs fonctions L
Galois Representations, Automorphic Forms and L-Functions
20-24 June, 2022

Monday		20 June 2022
9:00 - 9:15	Opening	
9:15 - 10:15	Brumer-Stark units and a conjecture of Gross <i>Mahesh Kakde (Abstract)</i>	<div style="border: 1px solid black; padding: 5px; display: inline-block;">Opening</div>
10:25 - 10:55	Higher Elliptic Elements and a tame analogue of a conjecture of Perrin-Riou <i>Alice Pozzi (Abstract)</i>	
10:55 - 11:25	Coffee break	
11:25 - 12:25	Algebraicity of polyquadratic plectic points <i>Lennart Gehrmann (Abstract)</i>	
16:00 - 16:30	Tea Time	
16:30 - 17:30	Sur le système de Beilinson-Kato <i>Pierre Colmez</i>	
17:40 - 18:40	Arithmetic of theta-critical p-adic L-functions <i>Kazim Buyukboduk (Abstract)</i>	
18:50 - 19:20	Geometry of the Hilbert eigenvariety at CM points <i>Chi-Yun Hsu (Abstract)</i>	
Tuesday		21 June 2022
9:00 - 10:00	Smoothness of eigenvarieties and BSD for abelian surfaces <i>David Loeffler (Abstract)</i>	
10:10 - 11:10	Mazur's main conjecture at Eisenstein primes <i>Giada Grossi (Abstract)</i>	
11:10 - 11:25	Coffee break	
11:25 - 12:25	p-adic Birch and Swinnerton-Dyer conjectures and p-adic construction of global points on elliptic curves <i>Marco Adamo Seveso (Abstract)</i>	
16:00 - 16:30	Tea Time	
16:30 - 17:30	Higher Hida theory <i>Vincent Pilloni (Abstract)</i>	
17:40 - 18:40	Higher Hida theory for Hilbert modular varieties <i>George Boxer (Abstract)</i>	
Wednesday		22 June 2022
9:00 - 9:30	Branching laws and p-adic deformation <i>Daniel Barrera (Abstract)</i>	
9:40 - 10:10	p-adic L-functions for parahoric level $GL(2n)$ representations with Shalika models <i>Andrei Jorza (Abstract)</i>	
10:10 - 10:35	Coffee break	
10:35 - 12:25	Open Problems: Brainstorming <i>Kiran Kedlaya</i>	
Thursday		23 June 2022
9:00 - 10:00	A geometric Serre weight conjecture for Hilbert modular forms <i>Fred Diamond (Abstract)</i>	
10:10 - 10:40	Modularity in the partial weight one case <i>Hanneke Wiersema (Abstract)</i>	
10:50 - 11:20	Coffee break	
11:25 - 12:25	On the geometry of deformation rings and the Taylor-Wiles hypothesis <i>Patrick Allen (Abstract)</i>	
16:00 - 16:30	Tea Time	

16:30 - 17:30	Théorie d'Iwasawa des déformations galoisiennes dérivées d'une représentation ordinaire <i>Jacques Tilouine</i> (Abstract)
17:40 - 18:40	Théorie d'Iwasawa des déformations galoisiennes dérivées d'une représentation ordinaire <i>Eric Urban</i> (Abstract)
18:50 - 19:20	On the first derivative of cyclotomic Katz p-adic L-functions at exceptional zeros <i>Adel Betina</i> (Abstract)
Friday	24 June 2022
9:00 - 10:00	Supersingular main conjectures, Sylvester's conjecture and Goldfeld's conjecture <i>Daniel Kriz</i> (Abstract)
10:10 - 11:10	Factorization of the p-adic étale cohomology of coverings of Drinfeld's upper half plane <i>Wiesława Nizioł</i> (Abstract)
11:10 - 11:30	Coffee break
11:30 - 12:25	BGG decomposition for families of de Rham sheaves <i>Fabrizio Andreatta</i> (Abstract)