

RENCONTRES ARITHMÉTIQUES DE CAEN, 2023

TATIHOUS ISLAND

Arrival : Monday June 26th, boat at 18:15 from Saint-Vaast la Hougue to the island.

Departure : Saturday July 1st, boat at 9:30 from the island to Saint-Vaast la Hougue.

TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
09:35 : <i>Welcome</i>	09:00-10:00 : Pazuki	09:00-10:00 : Gualdi	09:00-10:00 : Chen
09:45-10:45 : Pazuki	Coffee break	Coffee break	Coffee break
Coffee break	10:30-11:15 : Capuano	10:30-11:15 : Kühne	10:30-11:15 : Rémond
11:15-12:15 : Amoroso	11:30-12:30 : Gaudron	11:30-12:30 : Sombra	11:30-12:30 : Botero
Lunch	Lunch	Lunch	Lunch
14:15-15:15 : Pazuki	14:15-15:15 : Pazuki	14:15-15:15 : Chen	14:15-15:15 : Chen
Coffee break	Coffee break	Coffee break	Coffee break
15:45-16:30 : Checcoli	15:45-16:45 : Barroero	15:45-16:45 : Chen	15:45-16:45 : Autissier

Courses:

Huayi Chen (Université Paris Cité): *Arakelov geometry over adelic curves*

Fabien Pazuki (University of Copenhagen): *Northcott property and arithmetic applications*

Research talks:

Francesco Amoroso (Université Caen Normandie): *Bounded height problems and applications*

Pascal Autissier (Université de Bordeaux): *Distribution of the maximum of partial exponential sums*

Fabrizio Barroero (Università Roma Tre): *Distinguished categories and the Zilber-Pink conjecture*

Ana María Botero (Universität Bielefeld): *Equivariant Chern Classes of Toric Vector Bundles over a DVR and Bruhat-Tits Buildings*

Laura Capuano (Università Roma Tre): *Betti maps, polynomial Pell equation and almost-Belyi maps*

Sara Checcoli (Université Grenoble Alpes): *On a Galois property of fields generated by the torsion of an abelian variety*

Éric Gaudron (Université Clermont Auvergne): *Diophantine approximation on spheres*

Roberto Gualdi (Universität Regensburg): *On the typical height of the intersection of a projective planar line with its translate by a torsion point*

Lars Kühne (Universität Basel): *The relative Bogomolov conjecture in products of families of elliptic curves*

Gaël Rémond (Université Grenoble Alpes): *Petits points des variétés abéliennes*

Martín Sombra (ICREA & Universitat de Barcelona): *Arithmetic equidistribution beyond the quasi-canonical setting*