

**PERIOD MAPPINGS
FROM COMPLEX TO p -ADIC**

TATIHOUS ISLAND, 26-30 SEPTEMBER 2017

Tuesday.

- 9:00 Welcome + Introduction
- 9:30 *Period mappings: the elliptic case - and hypergeometric functions.*
Javier Fresán
- 10:30 Coffee break
- 11:15 *Period mappings: the case of abelian varieties with prescribed endomorphisms.*
Yohan Brunebarbe
- 12:15 Lunch break
- 14:15 *Moduli spaces of abelian varieties with prescribed endomorphisms.*
Victoria Cantoral Farfán
- 15:15 Coffee break
- 16:00 *Abelian varieties and p -divisible groups.*
Diego Izquierdo

Wednesday.

- 9:30 *Dieudonné modules of p -divisible groups.*
Ramla Abdellatif
- 10:30 Coffee break
- 11:15 *Moduli spaces of p -divisible groups.*
Brian Lawrence
- 12:15 Lunch break
- 14:15 *p -adic period domains/mappings.*
Salim Tayou
- 15:15 Coffee break
- 16:00 *p -adic local (sometimes global) uniformization of Shimura varieties.*
Giacomo Graziani

Thursday.

- 9:30 *Example: p -adic uniformization of Shimura curves and period mappings.*
Yunqing Tang
- 10:30 Coffee break
- 11:15 *Additional Talk : Rigid connections, F -isocrystals and integrality.*
Hélène Esnault
- 12:15 Lunch break
- Free afternoon (coffee free)

Friday.

9:30 *Tempered coverings and fundamental group.*

Pedro Ángel Castillejo

10:30 Coffee break

11:15 *Orbifolds and uniformizing differential equations (complex and p -adic).*

Daniele Turchetti

12:15 Lunch break

14:15 *(complex and p -adic) triangle groups.*

Peter Jossen

15:15 Coffee break

16:00 *p -divisible groups over \mathcal{O}_C : isotriviality.*

Sergey Gorchinskiy

Saturday.

9:00 *p -divisible groups over \mathcal{O}_C : classification.*

Paul Ziegler