

Schedule

	Jan 09 (Mon)	Jan 10 (Tue)	Jan 11 (Wed)	Jan 12 (Thu)	Jan 13 (Fri)
9:00 - 9:50	Registration	Number Theory	Modular Forms	CM Elliptic Curves	Number Theory TS
10:00 - 10:50	Opening Ceremony	Number Theory	Modular Forms	CM Elliptic Curves	Number Theory TS
10:50 - 11:10	Coffee Break				
11:10 - 12:00	Number Theory	Modular Forms	Number Theory	Modular Forms TS	CM Elliptic Curves
12:10 - 13:00	Number Theory	Modular Forms	Number Theory	Modular Forms TS	CM Elliptic Curves
13:00 - 14:30	Lunch Break				
14:30 - 15:20	Modular Forms	Computational NT	MF Computation	Free Afternoon	MF Computation
15:30 - 16:20	Modular Forms	Computational NT	Computational NT		Computational NT
16:30 - 17:20	Computational NT				
18:00 - 20:00					Conference Dinner

	Jan 16 (Mon)	Jan 17 (Tue)	Jan 18 (Wed)	Jan 19 (Thu)	Jan 20 (Fri)
9:00 - 9:50	Galois Representations	Explicit CFT	Galois Representations	CM Elliptic Curves	Galois Representations
10:00 - 10:50	Galois Representations	Explicit CFT	Galois Representations	CM Elliptic Curves	Galois Representations
10:50 - 11:10	Coffee Break				
11:10 - 12:00	Explicit CFT	CM Elliptic Curves	Explicit CFT	Galois Representations	Explicit CFT
12:10 - 13:00	Explicit CFT	CM Elliptic Curves	Explicit CFT	Galois Representations	Explicit CFT
13:00 - 14:30	Lunch Break				
14:30 - 15:20	MF Computation	CFT Computation	CFT Computation	Free Afternoon	MF Computation
15:30 - 16:20	MF Computation	CFT Computation	CFT Computation		CFT Computation
16:30 - 18:00	Hacking Session		Hacking Session		Closing Ceremony

Lectures and Speakers

Theoretical Classes

- Number theoretical background (Number Theory), *Ila Varma and Richell Celeste*
- Modular forms (Modular Forms), *Laura Geatti and Valentijn Karemaker*
- Elliptic curves with complex multiplication (CM Elliptic Curves), *Jerome Dimabayao and Michel Waldschmidt*
- Galois representations of elliptic curves (Galois Representations), *René Schoof*
- Explicit class field theory (Explicit CFT), *Peter Stevenhagen*

Computational Classes

- Computational number theory (Computational NT), *Francesco Campagna and Valerio Talamanca*
- Computational aspects of modular forms (MF Computation), *Victor Manuel Aricheta*
- Computations with class field theory (CFT Computation), *Jared Asuncion*