Newcomers Day
November 6, 2017
Turing Amphitheater – Sophie Germain Building

09h30-10h00 Coffee and croissants

10h00-10h20 German Delbianco: Hoare-style Reasoning with Concurrent and Distributed Resources
10h20-10h40 Theodosios Douvropoulos: Counting labeled trees with symmetries
10h40-11h00 Juho Hirvonen: Locality in distributed computing

11h00-11h05 Ny Aina Andriambolamalala: Decentralized Communications and Beep Model
11h05-11h10 Ranadeep Biswas: Weakly consistent distributed databases
11h10-11h15 Paulina Cecchi: Orbital equivalence and algebraic invariants in symbolic dynamics
11h15-11h20 Yassine Hamoudi: Quantum computation with restricted memory

11h30-11h45 Break

11h45-12h35 Bérénice Delcroix-Oger: Trees and operads

12h35-14h00 Lunch (on your own)

14h00-14h20 Claire Mathieu: Algorithms with noisy comparisons
14h20-14h40 Matthieu Josuat-Vergès: Combinatorics of shuffle products: how to shuffle a deck of cards
14h40-15h00 Enrica Duchi: Enumerative properties of fighting fish

15h00-15h05 Cédric Ho Thanh: Opetopes, rewriting, and koszulity
15h05-15h10 Isaac Konan: A Rogers-Ramanujan type identity : Siladic theorem
15h10-15h15 Victor Lanvin: Gradual Set-Theoretic Types
15h15-15h20 Chaitanya Leena Subramaniam: Dependent type theories and algebraic semantics

15h20-15h35 Break

15h35-15h55 Eric Finster: Type theory and higher topos theory
15h55-16h15 Valia Mitsou: Limitations of treewidth for problems beyond NP
16h15-16h35 Ami Paz: Upper and Lower bounds for the distributed CONGEST model
16h35-16h55 Nicolas Behr: Rule algebras and the combinatorics of chemical reaction systems

16h55-17h00 Baptiste Louf: Combinatorial maps : bijective and algebraic enumeration
17h00-17h05 Alessandro Luongo: Quantum Machine Learning in theory and practice
17h05-17h10 Axel Osmond: Title TBA
17h10-17h15 Yixin Shin: Quantum Cryptanalysis
17h15-17h20 Leo Stefanesco: Concurrent Separation Logic and Asynchronous Game Semantics

17h20-18h00 Cakes and drinks