Wednesday, 27.09.2023

09:30 – 09:50 : Registration
09:50 – 10:00 : Opening
10:00 – 11:00 : Emmanuel Schertzer and Zsófia Talyigás, University of Vienna

   Branching systems with noisy selection.

11:00 – 11:30 : Coffee break
11:30 – 12:30 : Julie Tourniaire, IST Austria

   A branching particle system as a model of pushed fronts.

12:30 – 14:00 : Lunch
14:00 – 15:00 : Loïc Chaumont, University of Angers

   Extinction times of multitype continuous-state branching processes.

15:00 – 15:30 : Coffee break
15:30 – 16:30 : Florin Boenkost, University of Vienna

   The genealogy of nearly critical branching processes in a varying environment.

16:30 – 17:30 : David Cheek, Harvard University

   Ancestral lineages in branching processes and somatic evolution.
Thursday, 28.09.2023

09:30 – 10:30 : Samuel Johnston, King’s College London
Multitype Lambda-coalescents.

10:30 – 11:00 : Coffee break

11:00 – 12:00 : Martin Möhle, University of Tübingen
On multi-allelic Cannings models and multi-type exchangeable coalescents.

12:00 – 12:30 : Sophia-Marie Mellis, Bielefeld University
Coalescents with migration in the moderate regime.

12:30 – 14:00 : Lunch

14:00 – 15:00 : Noemi Kurt, Goethe University Frankfurt
The ancestral selection graph for a Lambda-asymmetric Moran model.

15:00 – 15:30 : Marta Dai Pra, Humbold University Berlin
Ξ-coalescents arising from structured populations undergoing bottlenecks.

15:30 – 16:00 : Coffee break

16:00 – 17:00 : Clément Foucart, University of Paris 13
On the boundary 1 of the Λ-Wright–Fisher process with “strong” selection and its dual process.

17:00 – 17:30 : Luigi Esercito, Bielefeld University
Ancestral structures for Moran Models with general frequency-dependent selection and mutation.

19:00 – : Conference dinner at “The Bernstein”
Friday, 29.09.2023

09:00 – 10:00 : Cristian Giardina, University of Modena
   From population genetics to statistical physics, and backward
10:00 – 11:00 : Frederic Alberti, University of Mainz
   Labelled partitions in action: recombination, selection, mutation and more.
11:00 – 11:30 : Coffee break
11:30 – 12:30 : Daniel Valesin, University of Warwick
   Scaling limit of an adaptive contact process.
12:30 – 14:00 : Farewell lunch