

**PROBABILITY, POPULATION GENETICS and EVOLUTION**  
**C.I.R.M., June 11–15 2012**  
**Program**

	<b>Monday 11</b>	<b>Tuesday 12</b>	<b>Wednesday 13</b>	<b>Thursday 14</b>	<b>Friday 15</b>
8:45	Wakeley	Barton	Metz	Coop	Ewens
9:35	Evans	Lambert	Champagnat	Pokalyuk	Hermisson
10:20	<i>Coffee</i>	<i>Coffee</i>	<i>Coffee</i>	<i>Coffee</i>	<i>Coffee</i>
10:50	Griffiths	Pennings	Tran	Vatutin	Sagitov
11:40	Moehle	Krone	Véber	Klebaner	Bansaye
12:30	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>
14:00					Winter
14:50					Delmas
15:40	<i>Tea</i>				Bertoin
16:30	Ralph	<i>Tea</i>		<i>Tea</i>	<i>End</i>
17:00	Kersting	Kurtz		Joyce	
17:50	Euro2012	Popovic		Blath	
18:40	GB – FRA	Birkner		Berestycki	
19:30	<i>Dinner</i>	<i>Dinner</i>	<i>Dinner</i>	<i>Dinner</i>	<i>Dinner</i>

**List of the speakers in alphabetic order, with titles**

Vincent Bansaye, Palaiseau

Small positive values for supercritical branching processes in random environment

Nick Barton, Wien

Mathematical problems in population genetics

Julien Berestycki, Paris

Branching processes and selection

Jean Bertoin, Zürich

The cut-tree of large Galton-Watson trees and the Brownian CRT

Matthias Birkner, Mainz

Ancestry in the face of competition

- Jochen Blath, Berlin  
An ancestral recombination graph for diploid populations with skewed offspring distribution
- Nicolas Champagnat, Nancy  
Adaptive dynamics in an individual-based, multi-resources chemostat model
- Graham Coop, Davis  
Moving towards a general model of the coalescent with linked selection
- Jean-François Delmas, Marne-la-Vallée  
Record sur les arbres de Lévy ou paradoxe sur les mutations favorables et neutres dans les CSBP
- Steven N. Evans, Berkeley  
Go forth and multiply?
- Warren Ewens, Philadelphia  
On the deterministic theory of population genetics and its possible stochastic extensions.
- Robert Griffiths, Oxford  
The Lambda-Fleming-Viot process and a connection with Wright-Fisher diffusion
- Joachim Hermisson, Wien  
Evolutionary rescue in structured populations
- Paul Joyce, Idaho  
Characterizing the Distribution of Lysis Time and Burst Size in Lytic Phage
- Götz Kersting, Frankfurt  
The total external branch length of evolving Kingman coalescent trees
- Fima Klebaner, Melbourne  
The Long Run Age Structure of Population-Dependent General Branching Processes in Environments with A High Carrying Capacity
- Steven Krone, Idaho  
Antibiotic resistance plasmids and spatial structure

- Tom Kurtz, Madison  
Filtering and models in population biology
- Amaury Lambert, Paris  
Coalescent point processes and phylogenies
- Hans Metz, Leiden  
Conflict between alleles and modifiers in the evolution of genetic polymorphisms
- Martin Moehle, Tübingen  
On Compound Poisson Population Models
- Pleuni Pennings, Harvard  
Quantifying the evolution of drug resistance in HIV
- Cornelia Pokalyuk, Freiburg  
Selective sweeps in structured populations
- Lea Popovic, Concordia  
Stochastically induced bistability in Density Dependent Population Processes on Multiple Scales
- Peter L. Ralph, Davis  
Exploring recent relatedness – IBD and biparental ancestry
- Serik Sagitov, Göteborg  
Interspecies correlation for Brownian traits
- Jesse Taylor, Tempe  
Gene Flow and the Population Genetics of Human Infectivity in East African Sleeping Sickness
- Chi Viet Tran, Lille  
Limit theorems of historical processes in population dynamics
- Vladimir Vatutin, Moskow  
Critical branching process with two types of particles evolving in asynchronous random environments
- Amandine Véber, Palaiseau  
On the usefulness of genealogical trees

John Wakeley, Harvard

Gene genealogies within a fixed pedigree, and the robustness of Kingman's coalescent

Anita Winter, Essen–Duisburg

Evolving genealogies of spatial  $\Lambda$ -Cannings dynamics