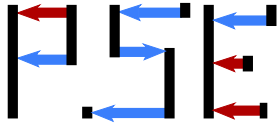


PROBABILISTIC STRUCTURES IN EVOLUTION
COLLOQUIUM OF THE DFG PRIORITY PROGRAMME SPP 1590




PROGRAMME

MONDAY, SEPTEMBER 30	TUESDAY, OCTOBER 1	WEDNESDAY, OCTOBER 2
	09:30 – 10:15 <i>Sandra Kluth, Bielefeld</i> The Moran model with selection (and mutation): Fixation probabilities, ancestral lines, and an alternative particle representation	09:00 – 09:45 <i>Noemi Kurt, Berlin</i> Seed banks, mixing times and convergence to Kingman's coalescent
	10:15 – 11:00 <i>Daniel Živković, Munich</i> The transition density of the diffusion process for genic selection and instantaneous changes in population size	09:45 – 10:30 <i>Iulia Dahmer, Frankfurt</i> Coalescent trees and their lengths
		10:30 – 11:00 COFFEE BREAK
13:00 – 14:00 REGISTRATION	11:00 – 11:30 COFFEE BREAK	11:00 – 11:45 <i>Olivier Henard, Frankfurt</i> The number of old families in the Beta(2-alpha,alpha)-coalescents
14:00 – 14:45 <i>Johannes Neidhart, Cologne</i> Amplitude spectra of fitness landscapes	11:30 – 12:15 <i>Marcel Ortgiese and Matthias Hammer, Berlin</i> The interface of the symbiotic branching model	11:45 – 12:30 <i>Frank den Hollander, Leiden</i> The hierarchical Cannings model
14:45 – 15:30 <i>Benjamin Schmiegelt, Cologne</i> Evolutionary accessibility of modular fitness landscapes	12:15 – 14:15 LUNCH BREAK	
15:30 – 16:00 COFFEE BREAK	14:15 – 15:00 <i>Andrej Depperschmidt, Freiburg</i> Path-properties of the tree-valued Fleming-Viot process	
16:00 – 16:45 <i>Martina Baar, Bonn</i> Stochastic individual-based models of adaptive dynamics	15:00 – 15:45 <i>Peter Seidel, Erlangen</i> The evolution of genealogical information in the spatial Moran model with mutation and selection	
16:45 – 17:15 <i>Benedikt Bauer, Plön</i> Epistatic model in cancer initiation	15:45 – 16:15 COFFEE BREAK	
17:15 – 17:30 BREAK	16:15 – 17:00 <i>Franz Baumdicker, Freiburg</i> The ancestral gene transfer graph in bacterial evolution	
17:30 – 18:30 <i>Michael Hölzel, Bonn</i> Phenotypic and genetic heterogeneity in cancer therapy resistance - how mathematical models could help to understand a major clinical problem	17:00 – 17:45 <i>Paul Staab, Munich</i> Approximate Simulations of the Ancestral Recombination Graph	
19:00 – DINNER		




CONFERENCE LOCATIONS

WORKSHOP AND LOCAL REGISTRATION

-  **Mathematisch-Naturwissenschaftliche Fakultät**
Wegelerstraße 10
53115 Bonn
- local registration: first floor
 - The talks take place in “Großer Hörsaal” (first floor)
 - The coffee breaks take place in the foyer

DINNER

The welcome dinner on Monday will take place in the Hausdorff-Raum, Plückersaal and the foyer (first floor) at

-  **Mathematikzentrum**
Endenicher Allee 60
53115 Bonn

HOTELS

- | | |
|---|---|
|  Hotel Europa
Thomas-Mann-Straße 7
53111 Bonn |  Hotel Krug
Sternenburgstraße 15
53115 Bonn |
|  Hotel Ibis
Vorgebirgsstraße 33
53119 Bonn |  Hotel Mozart
Mozartstraße 1
53115 Bonn |

