



“Workshop on genetic recombination”

8 Nov – 9 Nov 2022

SFB1283 Bielefeld University, seminar room V2-210/216

organised by
Frederic Alberti, Ellen Baake (Bielefeld)

• Tuesday, November 8

10:00 – 10:25	<i>Arrival, Registration and Coffee</i>
10:25 – 10:30	<i>Opening</i>
10:30 – 11:30	Reinhard Bürger <i>On the evolution of recombination hotspots</i>
11:30 – 12:00	<i>Coffee break</i>
12:00 – 13:00	Martina Favero <i>A dual process for a Wright-Fisher diffusion with pairwise selection and free recombination</i>
13:00 – 14:30	<i>Lunch</i>
14:30 – 15:30	Félix Foutel-Rodier <i>A branching process with recombination</i>
15:30 – 16:30	Verónica Miró Pina <i>Chromosome painting</i>
16:30 – 17:00	<i>Coffee break</i>
17:00 – 18:00	Anastasia Ignatieva <i>Large scale reconstruction of ancestral recombination graphs</i>
from 19:00	<i>Conference dinner</i>

• Wednesday, November 9

09:30 – 10:30	Jere Koskela <i>Data structures for storing and manipulating recombinant genealogies</i>
10:30 – 11:30	Julien Dutheil <i>Inferring recombination rates with the sequentially Markov coalescent</i>
11:30 – 12:00	<i>Coffee break</i>
12:00 – 13:00	Jeffrey Spence <i>Computing two-locus likelihoods under the coalescent with recombination for estimating fine-scale recombination rates</i>
13:00 – 14:30	<i>Lunch</i>
14:30 – 15:30	Eric Friedlander <i>Modeling neutral genetic variation linked to loci under selection in a population with variable size</i>
15:30 – 16:30	Paul Jenkins <i>Estimating recombination by observing the diffusion of haplotype frequencies</i>
16:30 – 17:00	<i>Farewell coffee</i>