

Hausdorff School
“Recent developments in disordered systems”

September 9 - 13, 2024

organized by
Johannes Alt, Luca Fresta, Michel Pain

All times are local to Bonn

• **Monday, September 9**

09:00 - 09:30	<i>Self Registration and Opening</i>
09:30 - 11:00	Alice Guionnet Large deviations for the largest eigenvalue of large random matrices, and applications.
11:00 - 11:30	<i>Coffee Break</i>
11:30 - 13:30	<i>Lunch Break</i>
13:30 - 15:00	Eliran Subag From optimization of spin glasses to solving random polynomial systems.
15:00 - 15:15	<i>Break</i>
15:15 - 16:15	Vieri Mastropietro Interacting fermionic systems with quasi-periodic disorder.
<i>afterwards</i>	<i>Get together</i>

• **Tuesday, September 10**

09:00 - 10:30	Ioan Manolescu An invitation to FK percolation.
10:30 - 11:00	<i>Coffee Break</i>
11:00 - 12:30	Alice Guionnet Large deviations for the largest eigenvalue of large random matrices, and applications.
12:30 - 14:00	<i>Lunch Break</i>
14:00 - 15:30	Eliran Subag From optimization of spin glasses to solving random polynomial systems.
15:30 - 16:00	<i>Coffee Break</i>
16:00 - 17:00	David Belius A brief introduction to spin glasses and the TAP

• **Wednesday, September 11**

09:00 - 10:30	Ioan Manolescu An invitation to FK percolation.
10:30 - 11:00	<i>Coffee Break and Group Photo</i>
11:00 - 12:30	Simone Warzel An invitation to quantum spin glasses
<i>afterwards</i>	<i>Social Event</i>

- **Thursday, September 12**

09:00 - 10:30	Alice Guionnet Large deviations for the largest eigenvalue of large random matrices, and applications.
10:30 - 11:00	<i>Coffee Break</i>
11:00 - 12:30	Eliran Subag From optimization of spin glasses to solving random polynomial systems.
12:30 - 14:00	<i>Lunch Break</i>
14:00 - 15:30	Simone Warzel An invitation to quantum spin glasses
15:30 - 16:00	<i>Coffee Break</i>
16:00 - 17:00	Giorgio Cipolloni Logarithmically correlated fields in non-Hermitian random matrices.

- **Friday, September 13**

09:00 - 10:30	Ioan Manolescu An invitation to FK percolation.
10:30 - 11:00	<i>Coffee Break</i>
11:00 - 12:30	Simone Warzel An invitation to quantum spin glasses
<i>afterwards</i>	<i>closing</i>