



All lectures will take place in the Hahn hall, the open problem session in the Goethe hall, and all coffee breaks in the Meitner hall.

Monday	Tuesday
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13:00-14:00 Registration

14:00-14:30 Welcome address

14:30-15:30 P. Mörters and C. Kerriou

Condensation in random geometric graphs. Localisation and delocalisation in a geometric random graph with excess edges

15:30-16:30 Coffee break

16:30-17:15 S. Jansen

Towards renormalization for Gibbs point processes

17:15-18:00 A. Klimovsky and T. van Belle

Information exchange on evolving networks

8:00-9:00 Registration

9:00-10:30 P. Calka

Maximal fluctuations of random convex hulls

10:30-11:00 Coffee break

11:00-11:45 C. Kühn

Dynamics of contact processes on simplicial complexes

11:45-12:30 K.-T. Sturm

Conformally invariant random fields, quantum Liouville measures, and random Paneitz operators on Riemannian manifolds of even dimension

12:30-14:00 Lunch break

14:00-16:00 Special Sessions

16:00-16:30 Coffee break

16:30-18:00 Special Sessions

18:00-20:00 Conference dinner

The conference dinner will take place at the conference venue

**Special sessions on Tuesday afternoon**

**Problem sessions**

- Continuum statistical mechanics (S. Jansen)
- Random geometric structures generated by tumor growth (C. Pokalyuk)
- Self-Interacting random walks (P. Tarrès)
- Nonreciprocal interactions (H. Löwen)

**Crash courses**

14:00-14:45 Continuum Percolation (P. Gracar)

14:45-15:30 Co-polyharmonic Gaussian fields and Liouville Gravity Quantum measures (L. Dello Schiavo, R. Herry, E. Kopfer)

15:30-16:00 "Where there is matter, there is geometry" (M. Klatt)

16:30-17:15 Marked Gibbs point processes (A. Zass)

17:15-18:00 Phase transitions and the reflection positivity method (L. Taggi)

**Wednesday****Thursday**

9:00-10:30 J.-B. Gou  r  

Percolation threshold in the  
Poisson-Boolean model

10:30-11:00 Coffee break

11:00-12:00 L. Andreis, W.  
K  nig and T. Iyer (P01)

Spatial coagulation and gelation

12:00-13:00 N. Gantert and A.  
Callegaro (P02)Branching random walks: some  
recent results and open questions

13:00-14:30 Lunch break

14:30-15:15 F. Merkl and S.  
Rolles (P03)Emergence of macroscopic  
phenomena in the non-linear  
hyperbolic supersymmetric sigma  
model

15:15-16:00 G. Last (P16)

Hyperuniform point processes

16:00-16:30 Coffee break

16:30-17:15 A. Sapozhnikov  
(P20)Connectivity properties of Brownian  
interlacements and its vacant set

09:00-09:45 Z. Kabluchko (P14)

Angles of random simplices

09:45-10:30 C. Pokalyuk (P25)

Pathogens spreading on random  
networks

10:30-11:00 Coffee break

11:00-12:00 L. Taggi and A.  
Quitmann (P22)Macroscopic loops in the Bose gas  
and related models12:00-13:00 A. Winter and O.  
Angtuncio-Hern  ndez (P24)The uniform tree and the uniform  
spanning tree on the high-  
dimensional torus

13:00-14:00 Lunch snack

**End of the conference**If you have any question,  
please ask any of the  
organisers

- Luisa Andreis
- Tejas Iyer
- Wolfgang K  nig
- Elena Magnanini
- Alexander Zass

Or send an email to  
[spp2265\\_ac1@wias-berlin.de](mailto:spp2265_ac1@wias-berlin.de)