INHOMOGENEOUS RANDOM SYSTEMS
Systèmes Aléatoires Inhomogènes
January 27-28, 2026

Institut Henri Poincaré
Bâtiment Perrin, salle Yvonne Choquet-Bruhat
11-13 rue Pierre et Marie Curie, Paris
https://www.ihp.fr/

Tuesday 27 January:
2D statistical mechanics: continuum and discrete
Moderator: **Piet Lammers (Paris)**

9h00 – 9h10 :　　　　Opening

9h10 – 9h55 : **Piet Lammers (Paris)**: *GFF convergence of the six-vertex model for $-1 \leq \Delta \leq -1/2$.*

9h55 – 10h40 : **Joseph Chen (Paris)**: *Entropic repulsion in low temperature lattice models. .*

10h40 – 11h10 :　　　　Coffee Break

11h10 – 11h55 : **Rémi Rhodes (Marseille)**: *Liouville Theory.*

11h55 – 12h40 : **Barbara Dembin (Strasbourg)**: *Minimal surfaces in random environments.*

12h40 – 14h10 :　　　　Lunch Break

14h10 – 14h55 : **Eveliina Peltola (Aalto & Bonn)**: *Towards a conformal field theory
for critical planar interfaces.*

14h55 – 15h40 : **Rob Van den Berg (Amsterdam)**: *Forest fire models and percolation.*

15h40 – 16h10 :　　　　Coffee Break

16h10 – 16h55 : **Leonie Papon (Wien)**: *On the scaling limit of interfaces in the critical planar
Ising model perturbed by a magnetic field.*

16h55 – 17h40 : **Trishen Gunaratnam (Mumbai & Bengaluru)**: *The Markov property for φ_3^4 on cylinders.*

Wednesday 28 January:
Non-equilibrium and disordered interfaces
Moderator: **Léonie Canet (Grenoble)**

9h00 – 9h10 :　　　　Opening

9h10 – 9h55 : **Léonie Canet (Grenoble)**: *The non-perturbative sides
of the Kardar-Parisi-Zhang equation.*

9h55 – 10h40 : **Rodolfo Cuerno (Leganes)**: *Nonequilibrium critical dynamics: upturns
from surface kinetic roughening.*

10h40 – 11h10 :　　　　Coffee Break

11h10 – 11h55 : **Jérémie Bec (Nice)**: *From shocks to stochasticity: Modern perspectives on Burgers turbulence.*

11h55 – 12h40 : **Vivien Lecomte (Grenoble)**: *TBA.*

12h40 – 14h10 :　　　　Lunch Break

14h100 – 14h55 : **Kay Wiese (Paris)**: *TBA*

14h55 – 15h40 : **Dominique Mouhanna (Paris)**: *Statistical Physics
of disordered polymerized membranes.*

15h40 – 16h10 :　　　　Coffee Break

16h10 – 16h550 : **Alberto Rosso (Orsay)**: *Activated dynamics and thermally induced avalanches
in driven disordered interfaces.*

16h55 – 17h40 : **Stephane Santucci (Lyon)**: *Tomo-rheoscopy of liquid foams.*

Informations and abstracts at: **https://irs.math.cnrs.fr**

Registration:

The conference is free and open to all.
To facilitate local organization please register in advance by sending an e-mail **before January 20** with your name, affiliation, and mail address to
inter@math.cnrs.fr with subject: **IRS 2026**

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