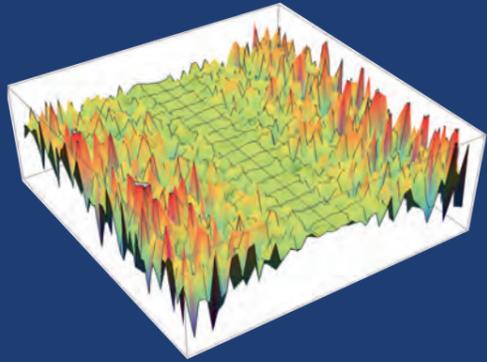


2017 IHES Summer school

Spectral properties of large random objects



17-28 July 2017

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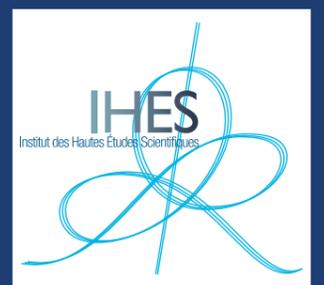


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MAIN COURSES:

- **Charles BORDENAVE** (*Université de Toulouse*)
Spectrum of random graphs
- **Paul BOURGADE** (*NYU*)
Universality and quantum unique ergodicity in random matrix theory
- **Frédéric KLOPP** (*UPMC*)
Large systems of interacting quantum particles in a random field
- **Eyal LUBETZKY** (*NYU*)
Spectral vs. geometric approaches to random walks on random graphs
- **Yuval PERES** (*Microsoft Research*)
The cutoff phenomenon and rate of escape for Markov chains
- **Christophe SABOT** (*Université de Lyon 1*)
Self-interacting processes and random Schrödinger operators
- **Balint VIRAG** (*University of Toronto*)
Operator limits of random matrices
- **Simone WARZEL** (*TMU*)
Topics in random operator theory



Information and registration:
www.ihes.fr

Some funding is available for young participants