

20ème conférence Claude Itzykson - Random Surfaces and Random Geometry



ID de Contribution: 8

Type: **Invited talk**

Conformal representations of Random Maps and Surfaces

mercredi 10 juin 2015 16:30 (45 minutes)

Whereas the combinatorial and metric structure of random maps are somewhat understood, a mathematical understanding of their conformal structure is still missing. Motivated by the quest to find a “conformal map” from the Riemann sphere to a Liouville quantum-gravity sphere, I will talk about uniformization of discrete maps (based on joint work with Don Marshall), and discuss an analog of Mario Bonk’s carpet uniformization in the setting of the Conformal Loop Ensemble CLE (based on joint work with Brent Werness).

Auteur principal: ROHDE, Steffen (University of Washington)

Orateur: ROHDE, Steffen (University of Washington)