ID de Contribution: **15**   Type: **Invited talk**

The circle packing of random hyperbolic triangulations

vendredi 12 juin 2015 15:15 (45 minutes)

We study random hyperbolic planar triangulations via their circle packing embedding in order to connect their geometry to that of the hyperbolic plane. This leads to several results: Identification of the Poisson and geometric boundaries, a connection between hyperbolicity and a form of non-amenability, and a new proof of the Benjamini-Schramm recurrence result.

Based on works with subsets of Omer Angel, Martin Barlow, Ori Gurel-Gurevich, Tom Hutchcroft and Gourab Ray.

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