

Geometric Random Graphs

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Title: Tree-decorated maps

Abstract: (Joint work with Luis Fredes). Planar maps are maps embedded in the sphere. In this talk, we will study the family of maps decorated by a (not necessarily spanning) tree-decorated. To study this class of maps, we introduce a bijection which allows us to deduce combinatorial results, recovering as a corollary some results about spanning-tree decorated maps, and to understand its local limit. We will also discuss the conjectural scaling limit.