ID de Contribution: **2** Type: **Non spécifié**

On the O(n) loop model on random maps

mercredi 27 mars 2024 13:30 (1 heure)

Maps are discrete surfaces obtained by gluing polygons, and form a natural model of random geometry. Of particular interest is the study of their large-scale properties, which has been an active field of research for more than 25 years. A major open question is the geometry of maps which are "decorated"by a statistical physics model at a critical point. I will present some results about a specific instance of such model, namely the O(n) loop model on random maps. Based on past and ongoing collaborations with G. Borot, E. Guitter, B. Duplantier, G. Miermont and J. Turunen.

Orateur: BOUTTIER, Jérémie (IMJ - Sorbonne Université)