

Frankfurter Seminar

Kolloquium des Instituts für Mathematik

Sommersemester 2023

19. April 2023 um 16.45 Uhr

Jean-François Le Gall (Université Paris-Saclay)

Recent developments in random geometry

Models of two-dimensional random geometry are obtained as universal scaling limits in the Gromov-Hausdorff sense of large graphs embedded in the sphere. These models, which include the Brownian sphere, the Brownian disk and the Brownian plane, are also closely related to the quantum surfaces studied by Miller and Sheffield.

We will present recent progress in the study of these random metric spaces.

In particular we will discuss some remarkable properties of geodesics and mention some open problems.

Tee ab 16:15 Uhr

Robert-Mayer-Straße 10 | Raum 711

Ginkgo-Seminar 15:15 - 16:00 Uhr

Jan Lukas Igelbrink The Brownian sphere

Teilnahme nur für Studierende und Promovierende

Tee 16:15 - 16:45 Uhr

