

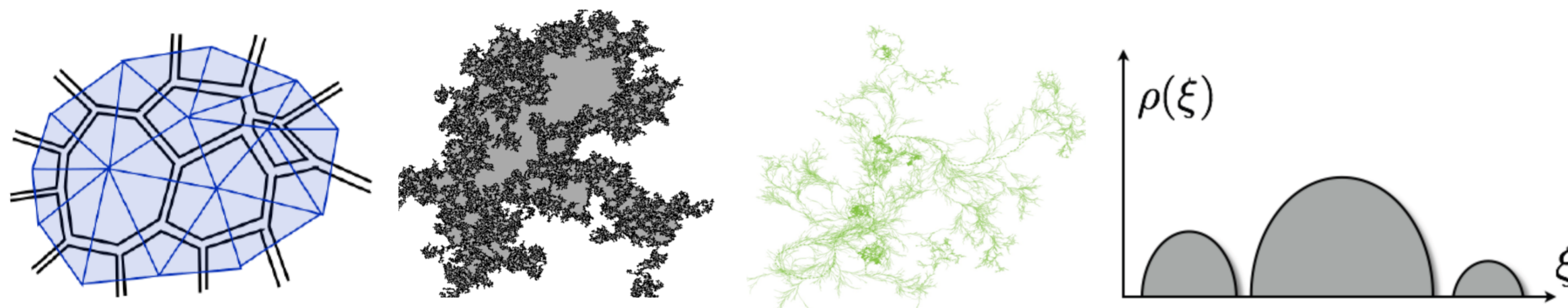
## São Paulo International Schools on Theoretical Physics



# School on Random Geometry and Random Matrices

August 25 - September 2, 2014

Instituto de Física Teórica - UNESP - São Paulo, Brazil



Models of random geometry and random matrices have wide applications, ranging from quantum gravity and string theory to complex networks and biological applications. In this interdisciplinary school, some of the world's leading experts will give an overview of these diverse areas. The school is intended for graduate students and researchers in the fields of high energy physics, statistical physics and probability theory, and will be followed by a short workshop.

### Lecturers:

**Jérémie Bouttier** (Saclay)

Recent developments in random planar maps

**Zdzislaw Burda** (Jagiellonian University)

Products of random matrices and their applications

**François David** (Saclay)

Liouville theory, KPZ and SLE

**Nadav Drukker** (King's College)

Matrix models and localization in supersymmetric gauge theories

**Thordur Jonsson** (University of Iceland)

Random tree ensembles and applications

### Organizers:

**Diego Trancanelli** (USP - São Paulo), **Stefan Zohren** (PUC - Rio de Janeiro)

The online application form and more information can be found at:

<http://www.ictp-saifr.org/random>

There is no registration fee and limited funds are available for local and travel support of participants.

The application deadline is **June 27, 2014**

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