

## Ph.D course in Statistical Physics

**Head of the Ph.D course:** Prof. Pasquale Calabrese

**Web site:** [Statistical Physics](#)

**Research lines:**

- Statistical Field Theories and Applications
- Exactly Solved Models of Statistical Mechanics
- Classical and Quantum Statistical Physics out of Equilibrium
- Cold Atoms
- Quantum Quenches
- Entanglement in many-body systems
- Quantum Integrable Models
- Quantum Systems with Disorder
- Complex Systems
- Critical phenomena and renormalization group
- Two-dimensional conformal field theories

**Fellowships available:** 5

**Admission:** Academic and scientific qualifications + oral exam (also by videoconference)

**Beginning of the Courses:** 1 October, 2020

**Evaluation of academic and scientific qualifications:** 30 points

**Access to Oral Exam:** minimum mark of 21/30 on academic and scientific qualifications

**Evaluation of Oral Exam:** 70 points

**Total Evaluation:** 100 points

**Eligibility:** 70 points

### First Session

**Deadline for online submission of applications:** 3 March, 2020

**Oral Exam:** 23 to 27 March, 2020

The results of the academic and scientific qualifications evaluation will be notified by email. Selected candidates will be informed about day and time of the oral exam that, on demand, could be taken by videoconference, preferably through "Skype" (see general announcement).

**The results of the oral exams and the final ranking will be notified by email.**