PHD IN
STATISTICAL PHYSICS

SISSA WELCOMES **APPLICATIONS** FOR UP TO **4** PHD FELLOWSHIPS IN **STATISTICAL PHYSICS** STARTING IN **OCTOBER 2021**

SISSA is a scientific centre of excellence on the international academic scene in the fields of Physics, Mathematics, and Neuroscience. With a campus located in a park with stunning views over the city and gulf of Trieste, the School offers first-rate facilities, internationally renowned faculty members, and a very lively and dynamic scientific atmosphere thanks to the presence of nearly 100 postdocs and 300 PhD students.

PhD
www.sissa.it/statistical

Info
statphys [at] sissa [dot] it

Online applications
www.sissa.it/phd-courses

PHD IN STATISTICAL PHYSICS
SISSA welcomes applications for up to 4 PhD fellowships in Statistical Physics, starting in October 2020. The PhD Course in Statistical Physics constitutes an original and innovative post-graduate programme consisting of up to 4 years of training and research.

The programme aims at promoting scientific independence and creativity from the early stages of the career of future scientists.

To this purpose, after an eight-month intensive training period with lectures on a wide spectrum of advanced topics, the students are well prepared to start their own research activity under the supervision of a faculty member. Research is carried out in daily contact with the supervisor and collaborators.

In addition to attending colloquia, and participating in the weekly seminars and journal clubs within the group, PhD students can also benefit from the existing collaboration with a large number of international research institutes (including the nearby ICTP – International Centre for Theoretical Physics) and from the possibility to attend Summer Schools and International Workshops.

Applicants are selected on a competitive basis, following an interview (also possible by videoconference) and taking into consideration their CVs, undergraduate transcripts, and reference letters.

Current research topics in statistical physics:
- Statistical Field Theories and Applications
- Exactly Solved Models of Statistical Mechanics
- Classical and Quantum Statistical Physics out of Equilibrium
- Cold Atoms
- Quantum Quenches and Entanglement
- Quantum Integrable Models
- Quantum Systems with Disorder
- Complex Systems

In 2021 applications can be presented from **January** onwards and candidates will be selected shortly after the deadline of **9 March**.

In case of vacancies, **17 August** is the deadline for a second, independent selection.

Admitted students must have their Master studies completed by 31 October 2021.

SISSA