PhD at SISSA

The **International School for Advanced Studies (SISSA)** welcomes applications for **PhD fellowships** in:

- **Astroparticle Physics (APP)**
- **Theoretical Particle Physics (TPP)**

The International School for Advanced Studies (SISSA) is a leading research and training institution in Italy. It offers first rate facilities, internationally renowned teaching staff, and close relations to the International Center for Theoretical Physics (ICTP), the National Institute for Nuclear Physics (INFN), the Astronomical Observatory of Trieste (OATs/INAF) and several other research institutions, including the new IGAP (**www.igap-ts.it**) and IFPU institutes (**www.ifpu.it**) in the Miramare Campus. Please visit **www.sissa.it/tpp/** and **www.sissa.it/app/**.

The curriculum consists of **4 years of study and research**. During the first year students are offered a number of courses covering a wide spectrum of topics. The students are to select a subset of courses and pass the relevant exams within the first year. At the beginning of the second year they choose a supervisor among the staff and affiliated staff and undertake a research program. Both groups have affiliated staff belonging to other SISSA's groups, including the APC - Astrophysics and Cosmology Group, ICTP and OATs/INAF and INFN.)

The students are selected through a written and oral exam, which will take place on

- **March 23–24, 2020 for TPP**
- **March 25–26–27, 2020 for APP**

at SISSA, Via Bonomea 265, Trieste (Italy).

Online applications should be completed by **January 21, 2020** for the selection of non-EU candidates only. Selected candidates can be invited to attend the exam in March. **March 3, 2020** is the deadline for the regular entrance exam session (open to all).

Are you already a Ph.D. student and are interested to visit us?

Have a look at our visiting programs:

www.sissa.it/tpp/phdsection/external.php

www.sissa.it/app/phdsection/teaching.php

wide view from SISSA

APP Staff

Enrico Barausse
Andrea De Simone
Stefano Liberati
Piero Ullio
Matteo Viel

APP research lines

- Gravitation Theory
- Early Cosmology
- Large Scale Structure
- Cosmic Rays
- Dark Matter and Dark Energy

TPP Staff

Aleksandr Azatov
Francesco Benini
Matteo Bertolini
Giulio Bonelli
Sergio Cecotti
Serguey Petcov
Roberto Percacci
Andrea Romanino
Marco Serone

TPP research lines

- Physics at the LHC
- Physics Beyond the SM
- Neutrino Physics
- String Theory
- AdS/CFT Duality and Applications
- SUSY and Conformal Field Theories
- Quantum Field Theories of Gravity

Detailed information
about admission and application procedure:
http://www.sissa.it/admission

ma per seguir virtute e canoscenza
SISSA