

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 <http://www.sissa.it/tpp/> and <http://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 21–22–23, 2022 for APP
- March 23–24–25, 2022 for TPP

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

Online applications should be completed by **March 7, 2022**. (Note that it would be possible to take both APP and TPP exams, despite the overlapping date of March 23).

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

Have a look at our VSTP visiting programs:

[TPP VSTP program](#)

[APP VSTP program](#)

APP Staff

Enrico Barausse
Takeshi Kobayashi
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
Laura Donnay
Roberto Percacci
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>

