

# PhD student position at Trento

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## General information

The **call for the next PhD programme at Trento has been opened**.

The **deadline** for applications is **August 30th**, 2017, 4PM CET time.

The assessment of qualifications will be held on September 4th and 5th.

The interviews will be held from 19 to 22 of September, 2017.

**12 scholarships are available**, 6 of which not reserved, and 2 res. on Particle Physics.

More information can be found here: <http://www.unitn.it/en/ateneo/1940/announcement-of-selection> .

## Application

The application must be submitted on line at the link: <https://webapps.unitn.it/Apply/en/MyUnitn/Home/194766/dott/fi33> .

Successful candidates will be able to join any research group in the Department.

The candidate joining the ATLAS group is expected to participate in its activities on hardware and data-analysis. Frequent or long-term stays at CERN are possible in the course of the project.

## ATLAS group

Since 2007 the Department of Industrial Engineering of Trento brought to ATLAS the **3D pixel sensor technology**, now mounted on the Insertable B-layer and perfectly working.

Since 2016 the Trento-TIFPA group contributes also to monitor the pixel (and IBL) alignment. It is also involved in **R&D for the 3D second generation sensors** (for the High Luminosity LHC, ATLAS phase 2). On the analysis side, the Trento-TIFPA group contributes to the search for **New Physics in diboson decays** (2HDM, HVT and RD-graviton models), applying AI-based techniques (BDTs, machine learning, etc...).

## City and University of Trento

Trento is a **beautiful city to live in** ([numbeo](#), [sole24ore](#)) and its University is **top-ranked among Italian ones** ([the](#), [qs](#), [anvur](#) (Italian), [censis](#) (Italian), [sole24ore](#) (Italian)).

## Pay scale:

€ 13.638,47 gross per year, plus € 130,00 monthly lodging contribution

## Contacts

For questions, please contact Dr. Roberto Iuppa (address: [roberto.iuppa@unitn.it](mailto:roberto.iuppa@unitn.it)).