



IPSP2016

Industrial Problem Solving with Physics

Call for Application for Young Researchers and Master's Degree Students – IPSP2016



UNIVERSITÀ DEGLI STUDI
DI TRENTO

Dipartimento di Fisica



CONFINDUSTRIA TRENTO





“Industrial Problem Solving with Physics” (IPSP) is a one-week event organized by the Department of Physics, the Physics Doctoral School and the Research and Technology Transfer Support Division of the University of Trento, in cooperation with Confindustria Trento and Trentino Sviluppo – Polo Meccatronica. The main aim of IPSP is to boost the connection between university, in particular the Department of Physics, and industry and to give the chance to young researchers to face new challenges, which are beyond their either theoretical or experimental research activities.

IPSP2016 offers to 30 of the most talented young researchers the opportunity to apply their knowledge and skills for solving open problems raised by 3 selected companies.

The event will take place from 18 to 23 July 2016 at the Department of Physics.

Admission Requirements

A total of 30 positions are available to young researchers, i.e. PhD students and graduates, research fellows, scholarship holders younger than 35 by 9 June, 2016.

Doctoral degree programs admitted to the call:

- Physics
- Information and Communication Technology
- Civil, Environmental and Mechanical Engineering
- Mathematics
- Materials, Mechatronics and System Engineering
- Biomolecular Sciences
- Environmental Engineering

Furthermore, this call is open to Master’s Degree (or ‘laurea magistrale’) students and graduates from the University of Trento in:

- Physics (LM 17)
- Mathematics (LM 40)
- Science in Cellular and Molecular Biotechnology (LM 9)



- Computer Science (LM 18)
- Civil Engineering (LM 23)
- Materials Engineering (LM 22)
- Telecommunication Engineering (LM 27)
- Energetic Engineering (LM 30)
- Mechatronics Engineering (LM 33)
- Environmental and Land Engineering (LM 35)

or equivalent Master's Degrees.

Online Application

In order to apply, you have to fill out the online application form available at www.unitn.it/en/apply/events and attach your resume (in Europass format) and a cover letter, in which you express your full-time commitment to the event and your expertise in applied research and teamwork.

Non-EU citizens are required to provide a copy either of the Stay Permit or the Passport including the visa details.

All applicants are also required to confirm their willingness to sign a Non-Disclosure Agreement.

For further information you can download the full version of the call in Italian at <http://events.unitn.it/ipsp2016>.

Application Deadline

You have to submit your online application **by 9 June 2016 at 1 P.M.** Incomplete or not finalized applications will be automatically excluded from the evaluation process. The Scientific Committee can extend the deadline for the submission of the applications. Details of the extension will be published on the event's official website <http://events.unitn.it/ipsp2016>.

Evaluation of the Application

Your application will be evaluated by a selection committee in terms of education – studies in physics will be taken into particular account, skills in



applied technical research, motivation and full-time commitment to the event. Moreover, a contribution in the realization of a final report in the weeks following the event is required. Suitability to the role of a young researcher and coherence towards the aims of IPSP will be also taken into account.

You will find the list of the admitted applicants at <http://events.unitn.it/en/ipsp2016> by **20 June 2016**. If you are one of the admitted applicants, you will receive an acknowledgement e-mail by the same date.

Final Acceptance

Once you receive the acknowledgement e-mail, you will have to pay a non-refundable admission fee of € 20,00 before **30 June 2016**.

The admission fee includes work materials, meals and snacks during the event, and open access to the Department facilities.

Ineligibility or Withdrawal

If you fail to fulfil the requirements stated above, you will be automatically excluded.

You can decline your position by sending an e-mail to ipsp2016@unitn.it within 3 days from the date of publication of the admission list at <http://events.unitn.it/en/ipsp2016>.

Vacant positions will be progressively offered to other eligible applicants in the list. For further informations and details you can download the Italian full version of the call^{1*} at <http://events.unitn.it/ipsp2016>

IPSP2016 Scientific Committee

Maddalena Bertolla, Claudio Castellan, David Roilo

^{1*} Only the Italian text of the call is legally binding.