



PhD positions in Particle Physics with the ATLAS Experiment at the LHC

The ATLAS-Milano group invites students to apply for PhD positions in Experimental High Energy Physics in Milano to work in the ATLAS Experiment at the Large Hadron Collider (LHC) at CERN.

The PhD school in Physics, Astrophysics and Applied Physics at University of Milano offers 17 scholarships for its three-year graduate program 2017-2020. Each scholarship provides full coverage of University fees and a net salary of 14,450 EUR/yr and a travel grant of 3,000 EUR during the second and third year. Two contributions of 2,000 EUR/yr will be granted to the two best-ranking students from outside the Milano area. Additional support (typically 2,000 EUR/yr) may be obtained through part-time teaching assistantships.

Selected candidates will have the opportunity to work at CERN (Switzerland), the largest laboratory for particle physics, and seek answers to questions about the fundamental structure of the universe, using the world most powerful particle accelerator, the LHC. The position foresees a significant presence at CERN for analysis and detector operation; participants can also apply for an INFN grant to spend one year at CERN.

ATLAS-Milano has a wide range of activities ranging from the maintenance of the detector during RUN 2 to the upgrades of the Liquid Argon calorimeter, the Pixel detector and the Fast Track Trigger. We are involved in studies of the performance of the detector, in studies of the properties of the Higgs boson and in searches for Supersymmetry, Dark Matter and New Phenomena.

More information and instruction on how to apply can be found at the School site phd.fisica.unimi.it. The deadline for applications is **1:00 PM CEST September 4, 2017**.

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UNIVERSITÀ DEGLI STUDI DI MILANO
CORSO DI DOTTORATO IN FISICA,
ASTROFISICA E FISICA APPLICATA

Graduate Studies in Physics at UniMI

The PhD program in Physics, Astrophysics and Applied Physics at the University of Milano offers high-level research training in nearly all areas of Physics including Astrophysics and Cosmology, Condensed Matter, Quantum Optics, Nuclear Physics, Plasma Physics, Particle Physics, Theoretical Physics, Nanotechnology, Quantum Information, Accelerator Physics, Biophysics, Electronics, Environmental Physics, Medical Physics.

The School offers a variety of educational opportunities, including colloquia by world class speakers, student workshops, and training in communication skills.

GRADUATE PROGRAM 2017-2020

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The deadline for applications is 1:00 pm **September 4th, 2017**.

The scholarships will be awarded based on the candidates' CV, a written non-binding research project, two reference letters and an interview to be held in Milan in September 2017. Foreign candidates may ask to take their interview on-line.

The official announcement is available at:

<http://phd.fisica.unimi.it/admission/year2017/>

Instructions on how to apply are available at:

<http://phd.fisica.unimi.it/admission/how-to-apply/>

Further information can be found at:

<http://phd.fisica.unimi.it/>