

Hadron Collider School - HASCO

07. - 19. July 2013 in Göttingen / Germany

<http://hasco.uni-goettingen.de>

The main objectives of the hadron collider physics school (HASCO) are introductory topics in elementary particle physics, in particular in hadron collider physics as relevant for research at the Large Hadron Collider (LHC). This includes lectures and tutorials on theoretical foundations of the Standard Model of elementary particle physics as well as experimental techniques to test it. Furthermore, a focus is placed on statistical data analysis and an introduction to the software package ROOT as well as Higgs boson physics. In addition, students will have the opportunity to discuss state of the art measurements and results with senior scientists in the field.

The main target group are Master of Science students, where advanced Bachelor or early PhD students might be eligible as well. Please contact your local contact person for further details.

Students of the partner universities are encouraged to apply at <http://hasco.uni-goettingen.de>

Application deadline: **28. March 2013**

Partner institutions are:

Université Blaise Pascal Clermont-Ferrand

Université Joseph Fourier Grenoble

Université Paris-Sud (XI), Orsay

Institut de recherche sur les lois fondamentales
de l'Univers, Saclay

Georg-August-Universität Göttingen

University of Bologna

Universita degli Studi di Milano

Universita di Pisa

Università di Roma 'Sapienza'

University of Amsterdam

Jagiellonian University Krakow

Comenius University Bratislava

Universidad Autónoma de Barcelona

Universidad Autónoma de Madrid

Stockholm University

Uppsala University

Universität Bern

European organization for
Nuclear Research - CERN

Université de Genève

University of Glasgow

University of Manchester

University of Oxford



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