

# International School on Computer Algebra and Particle Physics CAPP 2013

**11–15 March 2013  
at DESY, Zeuthen**

The CAPP school combines theory and practice in an advanced environment. It provides education and training of students and young researchers at graduate and Ph.D. level on central topics at the interface of modern computer algebra and particle physics. The courses include exercises and practical hands-on training with modern software.

## Lectures and Courses

J. Gluza (Katowice), T. Riemann (DESY)	<i>Feynman integrals and Mellin-Barnes representations</i>
T. Hahn (MPI Munich)	<i>Mathematica, FeynArts, FormCalc and all that</i>
S.-O. Moch (University Hamburg)	<i>Precision Physics at the LHC</i>
E. Postma (MapleSoft, Waterloo)	<i>Programming, Probability and Polynomials</i>
C. Schneider (RISC Linz)	<i>Symbolic Summation and the Sigma package</i>
A. von Manteuffel (Mainz)	<i>Integration-by-parts and the Reduze program</i>
J. Vermaseren (Nikhef)	<i>Introduction to FORM</i>

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Organizing Committee: S. Moch (University Hamburg), T. Riemann (DESY), P. Wegner (DESY) · Secretary: M. Mende (DESY)

The school fee is 100 € before 1 February 2013, 125 € after 1 February 2013. Registration deadline is 6 March 2013.

For more details and in order to register, please go to the school home page <http://indico.desy.de/event/CAPP2013>