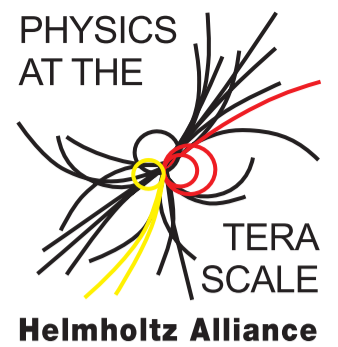


Helmholtz Alliance

PHYSICS AT THE TERASCALE



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Software Development in High-Energy Physics

26 - 30 September 2011
Dresden

In High-Energy Physics, the complexity of software frameworks used in data taking and analyses has increased substantially over the last decade. Thus, efficiently and successfully judging, using and developing code becomes a key ingredient to HEP on a day-to-day basis.

This workshop is intended for Ph.D. students and Postdocs with advanced expertise in an object-oriented programming language, e.g. C++ or Python. The goal is to broaden the participants' view and practice of object-oriented software development techniques.

The school comprises lectures and exercises with code examples from HEP software as well as creative work on standard programming problems aiming to sustainably train participants.

Organising Committee:

Philipp Anger (TU Dresden), Felix Friedrich (TU Dresden), Wolfgang Mader (TU Dresden),
Thomas Schörner-Sadenius (DESY), Peter Steinbach (TU Dresden)

Registration deadline: 19 August 2011 · Please register via the school webpage.

<http://www.terascale.de/software2011>