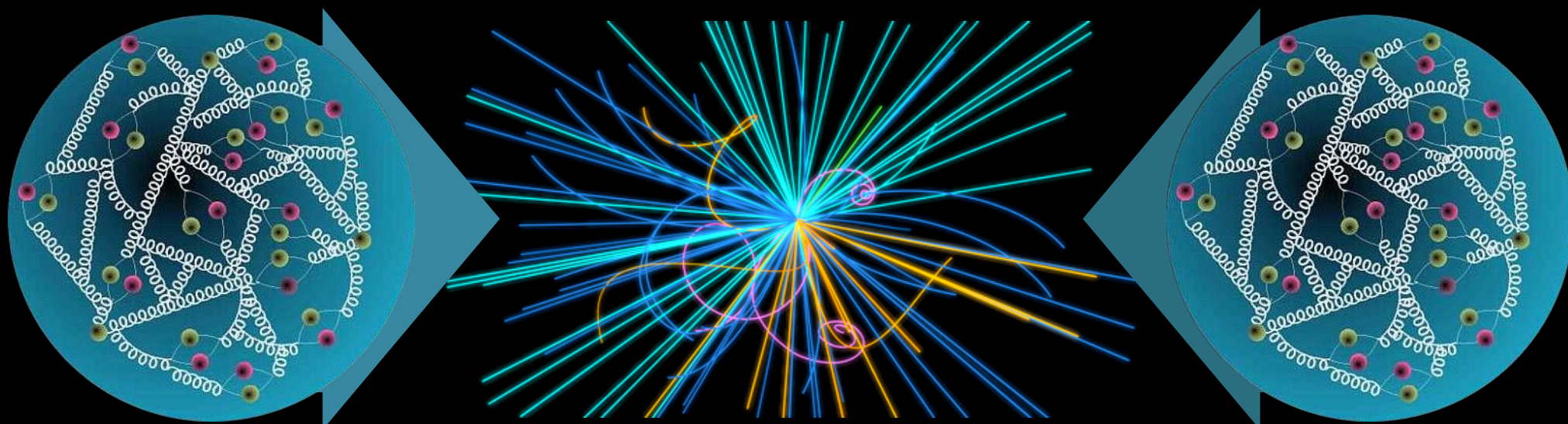


29 September - 02 October 2014

DESY Hamburg

Proton Structure in the LHC Era



School on phenomenology of proton-proton interactions

Lectures

Enhancing discovery potential: QCD precision measurements at the LHC

A. Cooper-Sarkar

The tricky part of the factorization: Parton Distribution Functions

D. Soper

Determination of strong coupling constant and PDFs

G. Dissertori

The precise part of the factorization: theory calculations at NLO and NNLO

M. Schulze

Jets in hadron collider at highest order

Z. Nagy

The number of flavors and the quark masses

S.-O. Moch

Tutorials in HERAFitter, fastNLO, Applgrid, DiffTop, NNPDF reweighting:

D. Britzger, S. Camarda, A. Glazov, A. Guffanti, M. Guzzi, K. Lohwasser,

H. Pirumov, R. Plačákytė, K. Rabbertz, V. Radescu, P. Starovoitov, M. Sutton

Workshop 01-02 October 2014

on theory and experimental issues in determination of PDFs and QCD parameters

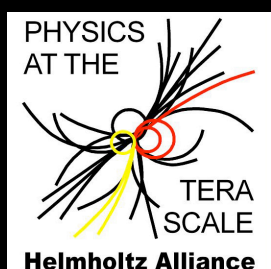
Registration deadline: 15th September 2014

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