

Proton Structure in the LHC Era - School and Workshop

Monday 29 September 2014

Lectures - SR 4a/b (09:30 - 13:00)

time	[id] title	presenter
09:30	[0] Enhancing discovery potential: QCD precision measurements at the LHC (A. Cooper-Sarkar, University of Oxford)	Prof. COOPER-SARKAR, A. Prof. COOPER-SARKAR, Amanda
10:30	[2] Determinations of the strong coupling constant at the LHC, and the role of PDFs in there (G. Dissertori, ETH Zuerich)	
11:30	Break	
12:00	[1] The tricky part of the factorization: Parton Distribution Functions (D. Soper, University of Oregon)	

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09:30	[5] The precise part of the factorization: theory calculations at NLO and NNLO (M. Schulze, CERN)	
10:30	Coffee break	
11:00	[6] Jets in hadron collider at highest order (Z. Nagy, DESY)	Dr NAGY, Zoltan
12:00	[7] The number of flavors and the quark masses (S.-O. Moch, University of Hamburg)	MOCH, Sven-Olaf