CERN, 28 August - 6 September 2019

The CERN-Fermilab Hadron Collider Physics schools are targeted particularly at young postdocs and senior PhD students.

MAIN LECTURE TOPICS

Accelerators
Belen Salvachua (CERN) • Advanced Detector Technologies
Werner Riegler (CERN) • BSM Theory
Matthew McCullough (CERN) • Experimental Studies of Higgs Physics
Andre David (CERN) • Flavour Physics
Guy Wilkinson (University of Oxford) • From Collisions to Analysis
Mika Vesterinen (University of Warwick) • Higgs and EW Theory
Laura Reina (Florida State University) • High-Density QCD with Heavy-Ion and Proton Beams
Francesca Bellini (CERN) • Novel Accelerator Techniques
Edda Gschwendtner (CERN) • Physics Prospects at HE-LHC and FCC
Michelangelo Mangano (CERN) • Precision Measurements
Pedro Silva (CERN) • Precision Measurements at Low Energy and their Implications on New Physics
Michael Doser (CERN) • QCD and Monte Carlo Tools
Massimiliano Grazzini (University of Zurich) • Searches for BSM Physics
Caterina Doglioni (Lund University) • Statistics and Machine Learning for HEP
Eilam Gross (Weizmann Institute of Science)

International Advisory Committee

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More information at: http://cern.ch/hcpss/2019