

Higgs 2020

Monday, October 26, 2020

Plenary: Opening Plenary (I) (12:30 PM - 2:00 PM)

-Conveners: Marco Pieri

time	[id] title	presenter
12:30 P	[5] Welcome Presentation (25'+5')	MERIDIANI, Paolo
1:00 P	[6] Highlights of ATLAS experimental results (25'+5')	MORLEY, Anthony
1:30 P	[4] Highlights of CMS experimental results (25'+5')	Dr VISCHIA, Pietro

Plenary: Precision Higgs physics (I) (2:20 PM - 3:50 PM)

-Conveners: Alicia Calderon (chair), Sarah Heim, Bernhard Mistleberger

time	[id] title	presenter
2:20 P	[6] Theory predictions for SM Higgs (25'+5')	DE FLORIAN, Daniel
2:50 P	[8] Precision measurements of Higgs rates and differential cross sections (25'+5')	DAO, Valerio
3:20 P	[7] Precision measurements of Higgs mass, width and CP properties (25'+5')	VAN DE KLUNDERT, Merijn

Plenary: Plenary: Precision Higgs physics (II) (4:10 PM - 5:10 PM)

-Conveners: Alicia Calderon (chair), Sarah Heim, Bernhard Mistleberger

time	[id] title	presenter
4:10 P	[9] Measurements Higgs decays to muons, taus and charm (25'+5')	MARINI, Andrea Carlo
4:40 P	[10] Measurements of associate VH production (incl. H->bb) (25'+5')	Dr MASTROLORENZO, Luca

Plenary: Opening Plenary (II) (5:30 PM - 6:30 PM)

-Conveners: Sally Dawson

time	[id] title	presenter
5:30 P	[1] Experimental overview of Higgs physics (25'+5')	OLSEN, Jim
6:00 P	[2] The Higgs boson and the understanding of the Universe (25'+5')	MURAYAMA, Hitoshi

Tuesday, October 27, 2020

Plenary: Precision Higgs physics (III) (4:40 PM - 6:10 PM)

-Conveners: Alicia Calderon, Sarah Heim (chair), Bernhard Mistleberger, Chis Palmer, Tamara Vazquez Schroeder, Yotam Soreq

time	[id]	title	presenter
4:40 P	M11	Measurements of Higgs VBF production (25'+5')	LIANG, Zhijun
5:10 P	M11	Measurements of associate top-Higgs production modes (25'+5')	BOTTA, Valeria
5:40 P	M13	Experimental inputs to PDF fits (25'+5')	AMOROSO, Simone

Wednesday, October 28, 2020

Plenary: Non-SM Higgs searches (4:00 PM - 6:00 PM)

-Conveners: Stefania Gori (chair), Cecile Caillol, Jana Schaarschmidt

time	[id] title	presenter
4:00 PM	[M9] Non-SM Higgs, new perspectives (25'+5')	CRAIG, Nathaniel
4:30 PM	[M8] Searches for BSM Higgs (25'+5')	MARTINEZ OUTSCHOORN, Verena Ingrid
5:00 PM	[M1] Non-SM Higgs signatures (25'+5')	SHELTON, Jessie
5:30 PM	[M0] Searches for exotic Higgs decays (25'+5')	MAIER, Benedikt

Thursday, October 29, 2020

Plenary: Di-Higgs and Higgs Self Coupling (2:20 PM - 3:50 PM)

-Conveners: Mauro Donega, Christoph Englert (chair), Katharine Leney,

time	[id] title	presenter
2:20 PM	[M6] Searches for diHiggs I (25'+5')	BROST, Elizabeth
2:50 PM	[M7] Searches for diHiggs II (25'+5')	BETHANI, Agni
3:20 PM	[M8] Theory Predictions for HH and Combinations with Single Higgs (25'+5')	JONES, Stephen Philip

Plenary: Effective Field Theory (4:30 PM - 6:00 PM)

-Conveners: Nicolas Berger, Ilaria Brivio, Andrew Gilbert (chair)

time	[id] title	presenter
4:30 PM	[M9] Progress in EFT for Higgs physics (25'+5')	RIVA, Francesco
5:00 PM	[M10] Experimental Inputs to EFT Fits (25'+5')	FALKE, Saskia
5:30 PM	[M11] Global Fits (25'+5')	PINTO EBOLI, Oscar Jose

Friday, October 30, 2020

Plenary: Closing Plenary I (12:30 PM - 2:30 PM)

-Conveners: Luca Malgeri

time	[id] title	presenter
12:30 P	P26 New experimental analysis techniques (25'+5')	CRANMER, Kyle Stuart
1:00 P	P27 Theory perspective on new analysis and theoretical techniques (25'+5')	KLING, Felix
1:30 P	P28 Monte Carlo challenges for the future (25'+5')	HOECHE, Stefan
2:00 P	P30 Prospect for Higgs physics at Future Colliders - Experimental perspective (25'+5')	VERNIERI, Caterina

Plenary: Closing Plenary II (3:00 PM - 5:00 PM)

-Conveners: Karl Jakobs

time	[id] title	presenter
3:00 P	P29 Prospect for Higgs physics at Future Colliders - Theory perspective (25'+5')	REINA, Laura
3:30 P	P31 Experimental prospects for Higgs Physics in future LHC Runs (25'+5')	SAVARD, Pierre
4:00 P	P43 An outlook on physics with the Higgs boson (25'+5')	GROJEAN, Christophe
4:30 P	P32 Closing remarks	PLEHN, Tilman