

CHIPP Plenary 2021

Thursday, June 10, 2021

Plenary: Searches for new physics: Flavour physics at the LHC - For the scientific session of the Thursday morning:

<https://doodle.com/poll/sezw3yfv4msg8ax3> (10:30 AM - 12:30 PM)

-Conveners: Anna Sfyrta

time	[id] title	presenter
10:30 AM	[31] Welcome & Introduction	WALLNY, Rainer
10:45 AM	[8] Recent exciting results from LHCb	SERRA, Nicola
11:05 AM	[9] Theory outlook and motivation, including a small overview of experiments addressing the relevant questions	ISIDORI, Gino
11:25 AM	[10] Exotic results from ATLAS and CMS, with emphasis on models with sensitivity to LFV, e.g. leptoquarks	SCHRAMM, Steven
11:45 AM	[11] Flash talk: LHCb detector upgrade	TRIPPL, Carina
11:50 AM	[12] Flash talk: Theorists recasting LHC results	ŠALKO, Jakub
11:55 AM	[13] Discussion	

Plenary: Flash talks from Young Scientists - Thursday afternoon Doodle:

<https://doodle.com/poll/ihhf8mhku7qdmzpy> (5:30 PM - 6:45 PM)

time	[id] title	presenter
5:30 PM	[19] Introduction	
5:35 PM	[20] Search for neutrinoless double beta decay with GERDA and LEGEND-200	RODRIGUES ARAUJO, Gabriela
5:41 PM	[21] Optical TPC for future neutrino experiments	MIHAI AMARINEI, Robert
5:47 PM	[22] Overview of the Preliminary Data Transmission Chain Prototype for the Upgrade of the ATLAS ITk Pixel Detector for HL-LHC	CHATTERJEE, Meghranjana
5:53 PM	[23] Neural networks for TeV cosmic electrons identification on the DAMPE experiment	DROZ, David
5:59 PM	[24] Explore deep space science with Penetrating particle Analyzer (PAN)	XIE, Pengwei
6:05 PM	Break	
6:10 PM	[25] ArDM - A 1t Liquid Argon Dark Matter Detector	STAUFFER, Alex
6:16 PM	[26] Development of a novel cryogenic Muonium beam	ZHANG, Jesse
6:22 PM	[27] EFT description of the $g-2$	AEBISCHER, Jason
6:28 PM	[28] Making Sense of Ambiguities in Renormalization Group Functions	ELLER THOMSEN, Anders
6:34 PM	[29] Stability of the Higgs Sector in a Flavor-Inspired Multi-Scale Model	ALLWICHER, Lukas

Plenary: Poster session - 301/309 (8:00 PM - 9:00 PM)

Friday, June 11, 2021

Plenary: Formal meeting: <https://indico.cern.ch/event/1043538/> - Friday morning Doodle:
<https://doodle.com/poll/9xagpc6g8hky294e> (9:00 AM - 10:20 AM)

-Conveners: Rainer Wallny

Plenary: Overview of some recent exciting activities with CHIPP contributions - Friday morning Doodle:
<https://doodle.com/poll/9xagpc6g8hky294e> (10:40 AM - 12:30 PM)

-Conveners: Gino Isidori

time	[id] title	presenter
10:40 AM	[16] Direct dark matter detection: Recent results from XENON	WITTEWEG, Christian
11:00 AM	[17] Recent results on CP violation from T2K	Prof. SANCHEZ, Federico
11:20 AM	[15] Dark sector physics - results from NA64	CRIVELLI, Paolo
11:40 AM	[14] FASER / FASER ν / SND	Dr ARIGA, Akitaka
12:00 PM	[18] Theoretical calculations of g-2 and recent experimental results	COLANGELO, Gilberto