



# 9th Edition of the Large Hadron Collider Physics Conference

## Monday 7 June 2021

### Joint sessions: BSM and Higgs physics (17:00 - 18:30)

-Conveners: Xabier Cid Vidal; Carl Gwilliam; Kerstin Tackmann

time	[id] title	presenter
17:00	[226] BSM Higgs decays at ATLAS+CMS	MONTEJO BERLINGEN, Javier
17:20	[227] Exotic Higgs decays (theory)	FUCHS, Elina
17:40	[228] H->inv at ATLAS+CMS	ALBERT, Andreas
18:00	[229] Searches for additional Higgs bosons at ATLAS+CMS	TAO, Junquan
18:20	[507] Discussion	

# Tuesday 8 June 2021

## Joint sessions: Heavy ions and QCD (14:15 - 15:45)

time	[id] title	presenter
14:15	[326] Nuclear parton distribution functions	KEPPEL, Cynthia
14:33	[327] New results on the modification of jet structure in Heavy Ion collisions	SANTOS, Helena
14:51	[328] Nuclear shadowing and heavy ion UPCs at the LHC	GUZEY, Vadim
15:09	[329] New measurements on Photon-Photon interactions	CHUDASAMA, Ruchi
15:27	[330] New measurements on diffractive vector mesons	RAGONI, Simone

## Joint sessions: Upgrades and performance (14:15 - 15:45)

-Conveners: Saptaparna Bhattacharya; Nicole Skidmore; Nora Emilia Pettersson; Christian Ohm

time	[id] title	presenter
14:15	[498] Improvements for reconstruction of physics objects with HL-LHC detector upgrades for ATLAS and CMS	DI FLORIO, Adriano
14:33	[499] Use of hardware acceleration for online event reconstruction for Run 3 and later	SCHMIDT, Marten Ole
14:51	[500] Status and prospects for technical solutions for real-time analysis for Run-3 and later	RAMOS PERNAS, Miguel
15:09	[501] Particle identification and tracking with timing detectors in ALICE and LHCb in Run 5	BUFALINO, Stefania
15:27	[502] HL-LHC Computing Challenges - how can the physics performance be maintained?	PASCUZZI, Vincent

## Wednesday 9 June 2021

### Joint sessions: Flavour physics and QCD (13:45 - 15:15)

time	[id] title	presenter
13:45	[372] Heavy-flavour hadron production	FAGGIN, Mattia
14:03	[373] Heavy Flavour production in MC	HOECHE, Stefan
14:21	[374] Experimental measurement of Heavy Flavours and jets	MEENA, Meena
14:39	[375] Theoretical view on Heavy Flavours and jets	UBIALI, Maria
14:57	[376] New measurements in the quarkonia sector	ZHOVKOVSKA, Valeriia

### Joint sessions: Higgs and top physics (13:45 - 15:15)

-Conveners: Meng Xiao; Maria Moreno Llacer

time	[id] title	presenter
13:45	[198] ttX calculations and modeling	FERROGLIA, Andrea
14:07	[199] ttX results from ATLAS+CMS	FALKE, Peter Johannes
14:29	[200] ttH results from ATLAS+CMS	Dr BOUMEDIENE, Djamel Eddine
14:51	[201] Determination of $k_{\text{pp} \rightarrow \text{top}}$ from $t\bar{t}$ , $4\text{top}$ , ...	USAI, Emanuele

### Joint sessions: Joint BSM session (13:45 - 15:15)

-Conveners: Seema Sharma; Niki Saoulidou

time	[id] title	presenter
13:45	[378] Dark Matter at colliders: theory	MARTIN-LOZANO, Victor
14:03	[379] Search for high mass mediators in ATLAS and CMS	QUARANTA, Claudio
14:21	[380] Search for low mass mediators in ATLAS and CMS	DONATO, Silvio
14:39	[381] Mono-jet, Mono-V searches in ATLAS and CMS	SHARMA, Varun
14:57	[382] Mono-Higgs, Mono-top searches in ATLAS and CMS	TOSCANI, Mariana

### Joint sessions: EFT interpretations (15:30 - 17:00)

time	[id] title	presenter
15:30	[277] Theory aspects in global analyses	VRYONIDOU, Eleni
15:50	[278] EFT computations	BRIVIO, Ilaria
16:10	[279] Experimental EFT results	MORANGE, Nicolas
16:30	[280] Open questions from the LHC EFT WG	GRELJO, Admir
16:50	[281] Discussion	