

12th Edition of the Large Hadron Collider Physics Conference

Monday, 3 June 2024

Plenary Sessions: LHC Overview - Blackman Auditorium (09:00 - 10:20)

-Conveners: Dave Charlton; Toyoko Orimoto

time	[id] title	presenter
09:00	[78] Welcome	BARBERIS, Emanuela SIVE, Hazel ORIMOTO, Toyoko
09:10	[79] Status of the LHC	STEERENBERG, Rende
09:30	[80] ALICE status and overview (20'+5')	VAN LEEUWEN, Marco
09:55	[81] LHCb status and overview (20'+5')	ARTUSO, Marina

Plenary Sessions: LHC Overview - Blackman Auditorium (10:50 - 12:30)

-Conveners: Federico Antinori; Emanuela Barberis

time	[id] title	presenter
10:50	[83] CMS status and overview (20'+5')	ADAM, Wolfgang
11:15	[82] ATLAS status and overview (20'+5')	GRAY, Heather
11:40	[84] Report from the LHC experiments' young scientist forums (10'+5')	COLDHAM, Kathryn Wendy
11:55	[85] Diversity, inclusion (10'+5')	RAI, Ananya
12:10	[86] Outreach (10'+5')	TRIPPL, Carina

Plenary Sessions: BSM & QCD - Blackman Auditorium (16:00 - 18:30)

-Conveners: Patricia McBride; Aram Apyan

time	[id] title	presenter
16:00	[59] Search for rare Higgs boson decays and BSM Higgs (25'+5')	HIROSE, Shigeki
16:30	[35] Lepton flavor violation and rare heavy flavor decays (20'+4')	CHEN, Kai-Feng
16:55	[36] Searches for LLP (20'+4')	FRATTARI, Guglielmo
17:20	[37] Recent improvements and new ideas on QCD predictions (20'+4')	MOULT, Ian MOULT, Ian
17:45	[38] Hadron spectroscopy and hadron-hadron interactions (20'+4')	GANDINI, Paolo

Tuesday, 4 June 2024

Plenary Sessions: Flavor & Higgs - Blackman Auditorium (09:00 - 10:30)

-Conveners: Sally Dawson

time	[id] title	presenter
09:00	[39] Current opportunities in flavor physics (25'+5')	CORNELLA, Claudia
09:30	[40] Experimental status of $b \rightarrow sll$ and $b \rightarrow cln$ transitions (25'+5')	SMITH, Eluned
10:00	[41] Measurement of Higgs boson production and properties (25'+5')	DE WIT, Adinda

Plenary Sessions: Flavor, BSM, QCD - Blackman Auditorium (16:00 - 18:00)

-Conveners: Guy Wilkinson; Pamela Ferrari

time	[id] title	presenter
16:00	[43] CKM and CPV measurements in the beauty and charm sector (20'+4')	OZCELIK, Ozlem
16:24	[44] Importance of LQCD to precision theory (20'+4')	DEL DEBBIO, Luigi
16:48	[45] Resonances searches (20'+4')	PORTALES, Louis
17:12	[46] Non-resonant searches at TeV scale (20'+4')	SCHAARSCHMIDT, Jana
17:36	[47] Ultrapерipheral heavy-ion collisions (20'+4')	LANG, Valerie

Wednesday, 5 June 2024

Plenary Sessions: Electroweak - Blackman Auditorium (09:00 - 10:30)

-Conveners: Davide Pagani; Roberto Salerno

time	[id] title	presenter
09:00	[48] Precision EW (includes top) (25'+5')	GILBERT, Andrew
09:30	[49] EW precision predictions and QCD-EW interplay for the LHC (25'+5')	ZARO, Marco
10:00	[50] DiHiggs production at LHC (SM) (25'+5')	ALISON, John

Plenary Sessions: Plenary: QCD, Heavy Ions, BSM - Blackman Auditorium (16:00 - 18:06)

-Conveners: Kai Schweda; Keith Ulmer

time	[id] title	presenter
16:00	[51] Multiboson measurements (20'+4')	POTAMIANOS, Karolos
16:24	[52] Recent developments in Heavy Ion (25'+5')	ANDRES, Carlota
16:54	[53] Prompt searches for feebly interacting particles (20'+4')	KNOLLE, Joscha
17:18	[54] QCD measurements in pp collisions (20'+4')	PORTEBOEUF, Sarah
17:42	[55] BSM theory perspectives for Run 3 and beyond (20'+4')	FRANCESCHINI, Roberto

Thursday, 6 June 2024

Plenary Sessions: Higgs, Top, Heavy Ions - Blackman Auditorium (09:00 - 10:30)

-Conveners: Bowen Xiao; Mateusz Ploskon

time	[id] title	presenter
09:00	[56] Precision Higgs Physics (25'+5')	TANCREDI, Lorenzo
09:30	[57] Top cross-section measurements and rare ttX processes (25'+5')	DADO, Tomas
10:00	[58] Investigating interactions in the quark-gluon plasma with jets and heavy flavor (25'+5')	EHLERS, Raymond

Plenary Sessions: Higgs & Top - Blackman Auditorium (11:00 - 12:30)

-Conveners: Florencia Canelli; Richard Hawkings

time	[id] title	presenter
11:00	[34] BSM with the Higgs (20'+4')	WANG, Liantao
11:25	[60] Data processing techniques with focus on trigger, GPUs, etc. (25'+5')	LIU, Miaoyuan
11:55	[61] Precision top quark physics (25'+5')	KALLWEIT, Stefan

Plenary Sessions: Upgrades - Blackman Auditorium (16:00 - 18:00)

-Conveners: Daniela Bortoletto; Eugenio Scapparone

time	[id] title	presenter
16:00	[62] CMS upgrades (20'+4')	TOMEI FERNANDEZ, Thiago
16:24	[63] ATLAS upgrades (20'+4')	OKUMURA, Yasuyuki
16:48	[64] ALICE upgrades (20'+4')	REIDT, Felix
17:12	[65] LHCb upgrades (20'+4')	NIEL, Elisabeth
17:36	[66] Software upgrades for HL-LHC (20'+4')	SHOPE, David Richard

Friday, 7 June 2024

Plenary Sessions: EFT+ non HEP talk+HION+ Poster session - Blackman Auditorium (08:30 - 10:30)

-Conveners: Gregorio Bernardi; Eluned Anne Smith

time	[id] title	presenter
08:30	[67] EFT theory (25'+5')	ROJO, Juan
09:00	[68] Particle production and collectivity from small to large collision systems (25'+5')	DOBRIN, Alexandru Florin
09:30	[69] The Dynamics of Disease: the role of particle diffusion-reactions models in Epidemic Response (25'+5')	VESPIGNIANI, Alessandro
10:00	[70] Poster award presentation 15'	DEMERS KONEZNY, Sarah Marie

Plenary Sessions: Closing - Blackman Auditorium (16:00 - 18:35)

-Conveners: Kai-Feng Chen; Sarah Marie Demers Konezny

time	[id] title	presenter
16:00	[71] The physics at HL-LHC and beyond (25'+5')	WILLOCQ, Stephane
16:30	[72] HL-LHC status of preparation (15+5')	LAMONT, Mike
16:50	[73] Experimental summary of conference (30')	BOSE, Tulika
17:20	[74] Theory summary of conference (30')	ZANDERIGHI, Giulia
17:50	[75] Overall CERN view, status and plans (25'+5')	KRAMMER, Manfred
18:20	[76] LHCP International Advisory Committee report (10')	CHARLTON, Dave RAHATLOU, Shahram
18:30	[77] Closing remarks	ANTINORI, Federico