



# FCC Week 2021

## Monday, 28 June 2021

### Physics, Experiments & Detectors (14:00 - 15:45)

-Conveners: Gavin Salam

time	[id] title	presenter
14:00	[16] Physics at FCC	REECE, Matthew
14:45	[97] Physics, Experiments and Detectors pillar: Structure and Objectives	JANOT, Patrick
15:15	[98] Targets, milestones and progress of Physics Performance	AZZI, Patrizia

### Physics, Experiments & Detectors (16:00 - 18:00)

-Conveners: Joachim Josef Mnich

time	[id] title	presenter
16:00	[50] What software for 'Higgs and Electroweak Factories'?	GANIS, Gerardo
16:30	[131] Detector challenges, towards detector concepts at FCC-ee	GIACOMELLI, Paolo
17:00	[102] Update on Snowmass process & US perspectives incl. EIC	RAUBENHEIMER, Tor
17:30	[88] Global Plans for High Field Magnet R&D	PRESTEMON, Soren

# Tuesday, 29 June 2021

## Physics, Experiments & Detectors: Physics Performance highlights (16:00 - 17:30)

-Conveners: Ben Kilminster

time	[id] title	presenter
16:00	[103] Higgs mass and model-independent cross-section studies from the recoil mass	EYSERMANS, Jan
16:18	[105] Jet Flavour tagging at the FCC-ee	SELVAGGI, Michele
16:36	[51] Bc -> tau nu at FCC-ee	HILL, Donal

# Wednesday, 30 June 2021

## Physics, Experiments & Detectors: Software and Physics Highlights (11:00 - 12:30)

-Conveners: David Lange

time	[id] title	presenter
11:00	[104] The turnkey software stack Key4hep: status and plans	GAEDE, Frank-Dieter
11:18	[106] FCCSW: status and (users) workflows	VOLKL, Valentin
11:36	[89] FCCAnalysis: tools and algorithms for analysis	HELSENS, Clement
11:54	[53] Long-lived particles at FCC	GONZALEZ SUAREZ, Rebeca
12:12	[107] Probing heavy new physics systematically at FCC	DURIEUX, Gauthier

# Thursday, 1 July 2021

## Physics, Experiments & Detectors: Detectors (15:30 - 17:30)

-Conveners: **Didier Claude Contardo**

time	[id] title	presenter
15:30	[83] From vertex to wrapper: the IDEA tracking system for FCC-ee	Prof. ANDREAZZA, Attilio
15:55	[52] ARC: a solution for particle identification at FCC-ee	FORTY, Roger
16:20	[56] Performance of a Crystal + Dual readout Calorimeter system at FCC-ee	LUCCHINI, Marco Toliman
16:55	[134] Recent developments on scintillator materials for calorimetry	Dr AUFFRAY, Etienne