

US FCC Workshop

Tuesday 25 April 2023

Tuesday afternoon parallel 1: Physics and software tutorials - Small Seminar Room (13:55 - 16:10)

-Conveners: Michelangelo Mangano; Christoph Paus; Sergei Chekanov

| time | [id] title | presenter |
|-------|---|-------------------------------------|
| 14:00 | [35] Introduction to HepSim. Reading truth-level events from HepSim | CHEKANOV, Sergei |
| 14:25 | [33] Generating truth-level events for FCC-ee and processing in Delphes. EDM4hep output | GANIS, Gerardo |
| 14:55 | [37] Data analysis examples (HZ channels etc.) - All | EYSERMANS, Jan SELVAGGI, Michele |
| 15:35 | [36] Detector full simulation and reconstruction | FRANCOIS, Briec |

Tuesday afternoon parallel 1: Accelerator and Detectors - Large Seminar Room (14:00 - 16:00)

-Conveners: Vladimir Shiltsev; Tor Raubenheimer; Sally Seidel

| time | [id] title | presenter |
|-------|--|----------------------|
| 14:00 | [72] An overview of the CEPC accelerator and detector(s) | WANG, Jianchun |
| 14:20 | [70] Constraints and limitations for the FCC detectors | NOVOTNY, Radek |
| 14:40 | [52] Diagnostics and components in the FCC-ee IR including polarimeters, beamstrahlung, lumi, BPMs | KEINTZEL, Jacqueline |
| 15:00 | [51] Background calculations in the FCC-ee | CIARMA, Andrea |
| 15:20 | [71] Mechanical Integration of the IDEA detector in the FCC-ee interaction region | PALLA, Fabrizio |
| 15:40 | [73] Discussion of possible US engagement | |