

Channeling 2024

Monday, 9 September 2024

FCC & Channeling: W1.1 (09:00 - 10:55)

-Conveners: Sultan Dabagov

| time | [id] title | presenter |
|-------|--|------------------------|
| 09:00 | [30] Possible Crystal Applications for FCC and Beyond | ZIMMERMANN, FRANK |
| 09:35 | [44] First studies of crystal collimation for the FCC-ee | BROGGI, Giacomo |
| 09:55 | [50] Novel Approach to Positron Production for the FCC-ee Using Lattice Coherent Effects in Oriented Crystals | ALHARTHI, Fahad |
| 10:15 | [63] G4ChannelingFastSimModel and G4BaierKatkov model for the FCC-ee crystal-based positron source | SYTOV, Alexei |
| 10:35 | [66] Study of a positron source for FCC-ee based on oriented crystals - Setup optimization and experimental measurements | Dr PATERNÒ, Gianfranco |

FCC & Channeling: W1.2 (11:15 - 13:45)

-Conveners: FRANK ZIMMERMANN

| time | [id] title | presenter |
|-------|--|----------------------|
| 11:15 | [77] First operational use of crystal collimation at the Large Hadron Collider (LHC) with high intensity and high energy heavy-ion beams | MIRARCHI, Daniele |
| 11:50 | [33] The Potential of Resonance Islands combined with Bent Crystals for Slow Extraction in Circular Hadron Accelerators | VERES, Dora Erzsebet |
| 12:10 | [82] TWOCRIST: A proof-of-principle machine test for a double-crystal fixed-target experiment at the LHC | REDAELLI, Stefano |
| 12:30 | [88] Crystal assisted steering of muon collider beam | ROMAGNONI, Marco |
| 12:50 | [43] Radiation pressure driven collisionless shock ion acceleration at Brookhaven National Laboratories | CASATI, Ginevra |
| 13:10 | [98] Status and prospects for the Mu2e experiment at Fermilab | MISCETTI, Stefano |