

Session Program

4-8 Sept 2023



**Joint Annual Meeting of the Swiss and
Austrian Physical Society 2023**

Accelerator Science and Technology

Thursday 7 September

14:00

Accelerator Science and Technology

Session | Location: Room 118 | Convener: Mike Seidel

14:00-14:15	【381】 The P³ Experiment: A Positron Source Demonstrator at PSI in 2025 Speaker Nicolas Vallis
14:15-14:30	【382】 PSI CHART Superconducting Magnets Roadmap: from Powered Samples to Hybrid Magnets Speaker Douglas Martins Araujo
14:30-14:45	【383】 ReBCO High-Temperature Superconductors for Application in High Field Accelerator Magnets. Speaker Bernhard Auchmann
14:45-15:00	【384】 High temperature superconducting magnets for FCC-ee Speaker Henrique Garcia Rodrigues
15:00-15:15	【385】 HTS FCC-ee energy efficient beam optics Speaker Cristobal Garcia
15:15-15:30	【386】 Simulation Tools for Future Colliders Speaker Leon Van Riesen-Haupt
15:30-15:45	【387】 Investigating LHC Electron Cloud Instabilities through Linearized Vlasov Method Speaker Sofia Carolina Johannesson
15:45-16:00	【388】 LHC Schottky Spectrum from Macro-particle Simulations Speaker Christophe Lannoy
16:00-16:15	【389】 A muon beam of small phase space Speaker Giuseppe Lospalluto

16:15-16:30

【390】 Compact Synchrotrons for Hadron Therapy: Development and Synergies with HEP Projects.

Speaker

Elena Benedetto

16:30