

Session Program

27-30 Jun 2022



Annual Meeting of the Swiss Physical Society 2022

Applied Physics and Plasma Physics

Université de Fribourg
Pérolles II

Monday 27 June

16:30

Applied Physics and Plasma Physics: Accelerator Science and Technology / Plasma

Session | Location: Room G 120

16:30–16:45 **[201] The PSI Positron Production (P-cubed) Project**

Speaker

Mattia Schaer

16:45–17:00 **[202] CHART MagDev Roadmap for Nb₃Sn Magnets for FCC-hh**

Speaker

Michael Daly

17:00–17:15 **[203] CHART MagDev No-Insulation ReBCO Solenoid Development**

Speaker

Mr Michal Duda

17:15–17:30

[204] Collaborative project for the development of new simulation tools for the Future Circular Collider e+e-

Speaker

Tatiana Pieloni

17:30–17:45

[205] First Exploration of Spin Polarization Simulations in the Future Circular Collider e+e- using Bmad

Speaker

Ms Yi Wu

17:45–18:00

[206] Modeling of beam-beam effects in future circular lepton colliders

Speaker

Peter Kicsiny

18:00–18:15

[207] The Bern medical cyclotron as a facility for radiation hardness studies

Speaker

Isidre Mateu

18:15–18:30

[208] High Intensity Muon Beam (HIMB): how to improve the most intense muon beam in the world

Speaker

Giovanni Dal Maso

18:30–18:45

[209] Rapid radial profiles simulation and scenario optimization on tokamak discharges using the RAPTOR code

Speaker

Mrs Cassandre Ekta Contré

18:45-19:15

[210] Energy Efficiency of Particle Accelerator driven Research Infrastructures

Speaker

Mike Seidel

19:15