

Session Program

20-22 Oct 2026



Superconductivity & Particle Accelerators 2026

Cryogenics for Accelerators, Fusion Technology and High Field Magnets

The Henryk Niewodniczanski Institute of Nuclear Physics Polish Academy of Sciences, Auditorium
Radzikowskiego 151, Kraków

Wednesday 21 October

10:30

Cryogenics for Accelerators, Fusion Technology and High Field Magnets

Session |

Location: The Henryk Niewodniczanski Institute of Nuclear Physics Polish Academy of Sciences, Auditorium, Radzikowskiego 151, Kraków

10:30-10:55

On the importance of thermal-hydraulic boundary conditions to calculate margin of fusion magnets

Speaker

François Bonne

10:55-11:20

Development of a cryocooler-based 3 kA BSCCO-2223-based current leads for superconducting magnets

Speaker

Weronika Głuchowska

11:20-11:45

From Algebraic Counterflow Modelling Towards Vortex Line Density Evolution in Forced-Flow He II

Speaker

Sławomir Pietrowicz

11:45