

18th CRYOGENICS 2025

IIR International

Conference & Exhibition



The **18th CRYOGENICS 2025** continues in the series of conferences held every two years. The conference will deal with new challenges of the equipment and technologies with temperatures below 120 K (-153°C), as well as with other devices and technologies related to the topic.

IIR COMMISSIONS & TOPICS

A1 - Cryophysics, Cryoengineering

Cryogenics in particle physics ▪ Cryogenics for fusion ▪ Superconductivity and magnets ▪ HTC for power and grids ▪ Materials at low temperatures ▪ Cryostats and thermal insulation ▪ Very low temperatures and applications ▪ Cryogenics for electronics ▪ Cryogenics for quantum technologies ▪ Cryocoolers ▪ Space cryogenics

A2 - Liquefaction and Separation of Gases

Cryogenic process plants technology and control ▪ Cryogenic plant and distribution equipment ▪ Liquid helium and helium resources ▪ Air separation ▪ CO2 sequestration ▪ LNG & LBG for transportation and energy diversification ▪ Cryogenic energy storage ▪ LH2 for transportation, energy storage and application ▪ Liquid nitrogen as refrigerant ▪ Rare gases

C1 - Cryobiology, Cryomedicine

Cryobiology ▪ Cryobiobanking ▪ Cryoprocessing of biomaterials and pharmaceuticals ▪ Cryosurgery ▪ Cryotherapy ▪ Equipment and procedures

SAVE THE DATE

April 7-11, 2025

Olympik Hotel

Prague, Czech Republic

CALL FOR ABSTRACTS

May 25 - September 20, 2024

EARLY BIRD REGISTRATION

January 2025

SPONSORSHIP OPPORTUNITIES

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www.cryogenics-conference.eu/cryogenics2025