

Session Program

27-31 Oct 2025



CYC2025 - International Conference on Cyclotrons and their Applications (Chengdu)

Cyclotron and Technology (1)

InterContinental Chengdu Global Center
Chengdu, China

Monday 27 October

09:40

Cyclotron and Technology (1): Session MOA-1

Session | **Location:** InterContinental Chengdu Global Center, Chengdu, China | **Convener:** Dr Yu. Bylinskii

09:40–10:10

Perspective and design study of a high intensity heavy ion and proton compact superconducting cyclotron

Speaker

Hongwei Zhao

10:10

10:50

Cyclotron and Technology (1): Session MOA-2

Session | **Location:** InterContinental Chengdu Global Center, Chengdu, China | **Convener:** Dr Yu. Bylinskii

10:50–11:20

Status of the IsoDAR Project

Speaker

Andreas Adelman

11:20–11:40

Challenges for new Cyclotron Projects

Speaker

Mr Luciano Calabretta

11:40–12:00

Frequency generation and multiple frequency synchronizations in accelerator systems

Speaker

Ken Fong

12:00

13:30

Cyclotron and Technology (1): Session MOB

Session | **Location:** InterContinental Chengdu Global Center, Chengdu, China

13:30–14:00

New Injection for TRIUMF 500 MeV Cyclotron

Speaker

Dr Yu. Bylinskii

14:00–14:20

Upgrade of the INFN-LNS Superconducting Cyclotron: towards its Reassembling and Commissioning

Speaker

Dr Danilo Rifuggiato

14:20–14:40

Recent Upgrade of RCNP AVF Cyclotron

Speaker

Tetsuhiko Yorita

14:40–15:00

Operation and Upgrades of Beam Diagnostics for Cyclotron Accelerators at HIRFL in Lanzhou

15:00

Speaker
Yong Zhang

15:20

Cyclotron and Technology (1): Session MOC

Session | **Location:** InterContinental Chengdu Global Center, Chengdu, China

15:20–15:50

The Low-temperature and High-temperature Superconducting Cyclotrons Developed by CIAE in the Last Ten Years

Speaker
Tianjue Zhang

15:50–16:10

Design of the EcoCyclone Permanent Magnet Medical Cyclotron

Speaker
Alexander Herrod

16:10–16:30

Enhanced Ion Beam Delivery Through AECR-U Upgrades at UMCG-PARTREC

Speaker
Herman Kremers

16:30

Tuesday 28 October

08:30

Cyclotron and Technology (1): Session TUA

Session | **Location:** InterContinental Chengdu Global Center, Chengdu, China

08:30–09:00

New Generation High Intensity Proton Cyclotron using H3+ Ions

Speaker

Yi-Nong Rao

09:00–09:20

Steps towards a 1.6 μ A extracted beam of the CYCIAE230 superconducting cyclotron for proton therapy

Speaker

Zhiguo Yin

09:20–09:40

Gyrating Ion Beam Driven Whistler Wave Instability in a Dusty Plasma

Speaker

Amit kumar

09:40–10:00

Design of an RF Cavity for 30 MeV Alpha Particle Cyclotron

Speaker

Dr Xin Zhang

10:00