

Session Program

27-31 Oct 2025



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

Theory, Models, Simulations and AI Applications in Cyclotron (2)

InterContinental Chengdu Global Center
Chengdu, China

Tuesday 28 October

10:20

Theory, Models, Simulations and AI Applications in Cyclotron (2):
Session TUB

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

10:20–10:50

Reinforcement Learning for Real-Time Cyclotron Tuning: Results from the Injector
2 Experiment at PSI

Speaker

Dr Malek Haj Tahar

10:50–11:20

FETS-FFA Project at RAL, UK

Speaker

Dr Jean-Baptiste Lagrange

11:20–11:40

Design of $q/A=1/2$ K100 compact cyclotron system for heavy-ion space radiation
effects and radiobiology studies

Speaker

Jong-Won Kim

11:40–12:00

Machine Learning Applications in Large-Scale Accelerators

Speaker

Xunye Cai

12:00