

Session Program

2-5 Sept 2025

**SAP2025 - the 15th Symposium on
Accelerator Physics**

Parallel Talk Session 5

Urumqi, Xinjiang, China

Friday 5 September

10:30

Parallel Talk Session 5: FRMC

Session | Location: Urumqi, Xinjiang, China

11:45-12:00

Real-time comprehensive electron beam diagnostics through machine learning in ultrafast electron diffraction system

Speaker

Jiapeng Li

12:00

10:30

Parallel Talk Session 5: FRNC

Session | Location: Urumqi, Xinjiang, China

10:50-11:10

The start-to-end beam dynamics simulation study and its application in the high-intensity cyclotron of CIAE

Speaker

Tianjian Bian

11:50-12:10

AVASX: a GPU-based high-performance beam dynamics simulation code using hybrid tracking methods for ion linear accelerators

Speaker

Chao Jin

12:10