

**Session Program**

**26-31 Oct 2025**

**COOL'25 - the 15th International Workshop  
on Beam Cooling and Related Topics**

***Cooler Designs and Applications I***

Wang Center  
Stony Brook University campus, Stony Brook, New York

# Thursday 30 October

08:45

## Cooler Designs and Applications I

**Session** | **Location:** Wang Center, Stony Brook University campus, Stony Brook, New York

**08:45–09:15**    **Electron Beam Dynamics Simulation in Coherent Electron Cooling**

**Speaker**

Yichao Jing

**09:15–09:45**  
**Multiple-Slice Simulations of Coherent Electron Cooling Performance with Low Beam Current**

**Speaker**

Jun Ma

**09:45–10:15**  
**Simulation of the Ion Bunch in the Presence of the CeC for the New Energy Scheme**

**Speaker**

Gang Wang

10:15