

Session Program

26-31 Oct 2025

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

Advanced Cooling Applications

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

Wednesday 29 October

10:45

Advanced Cooling Applications

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

10:45–11:15 **Stochastic Cooling Enhanced Steady-State Microbunching**

Speaker
Xiujie Deng

11:15–11:45 **Ion machine-gun experiment at Hiroshima University**

Speaker
Mr Kento Muroo

11:45–12:15 **Proposed Ultralow-Emittance Beam Source for High-Luminosity Hadron Colliders**

Speaker
Stephen Brooks

12:15