

Session Program

26-27 Jan 2026

Temporally Coherent Synchrotron Light Sources

Intensity limitations and beam control

TBA

Tuesday 27 January

09:00

Intensity limitations and beam control

Session | Location: TBA

09:00-09:25 **High Intensity Challenges in Fourth-Generation Storage Rings****Speaker**

Pedro Fernandes Tavares

09:25-09:45 **Overview of instabilities in light sources****Speaker**

Simon White

09:45-10:05

Micro-Bunching Instability as a Source of Coherent THz Emission: Observations and Control**Speaker**

Patrick Schreiber

10:05-10:25 **Coherent Cherenkov radiation in storage rings****Speaker**

Sergey Antipov

10:25-10:45

Review of pursued SSMB activities in the context of advanced coherent generation schemes**Speaker**

Xiujie Deng

10:45