

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