



Contribution ID: 97 Contribution code: TUZD1

Type: **Invited Oral Presentation**

Superconducting undulators for future light sources

Tuesday, 9 May 2023 14:30 (30 minutes)

Superconducting undulators (SCUs) can produce higher photon flux and can cover a wider photon energy range compared to permanent magnet undulators (PMUs) with the same vacuum gap and period length. The operational experience of SCUs in accelerators as well as future plans of deploying SCUs in free electron lasers, diffraction limited storage rings and compact light sources will be presented.

Funding Agency

Footnotes

I have read and accept the Privacy Policy Statement

Yes

Primary author: CALVI, Marco (Paul Scherrer Institut)

Presenter: CALVI, Marco (Paul Scherrer Institut)

Session Classification: MC02.1 - Photon Sources and Electron Accelerators (Invited)