



Contribution ID: 865

Type: **Invited talk**

Pushing the limit in fourth-generation storage ring light source lattice design

Wednesday 28 August 2024 11:20 (20 minutes)

While multi-bend achromat lattices combined with technological advances opened the way toward ultra-low emittance storage ring light sources, a number of practical and theoretical factors limit their design performances. We examine these factors through lattice design practices and explore the optimal design approach for a diffraction limited storage ring in the hard X-ray regime.

I plan to submit also conference proceedings

Yes

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