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Type: **Poster Presentation**

Further progress with alternative optics for the Diamond-II storage ring upgrade

Monday 2 June 2025 16:00 (2 hours)

We report the progress made on alternative optics namely low beta and low emittance cases for the DIAMOND-II storage ring upgrade. The results of optimizations of both linear and nonlinear optics as well as impacts of insertion devices on lifetime and dynamic aperture and injection scenarios will be reported.

Footnotes

Paper preparation format

Word

Region represented

Europe

Funding Agency

Diamond Light Source Ltd, UK

Author: SINGH, Beni (Diamond Light Source)

Co-authors: Dr GHASEM, Hossein (Diamond Light Source); MARTIN, Ian (Diamond Light Source); BLASKOVIC KRALJEVIC, Neven (Diamond Light Source)

Presenter: BLASKOVIC KRALJEVIC, Neven (Diamond Light Source)

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Track Classification: MC2: Photon Sources and Electron Accelerators: MC2.A05 Synchrotron Radiation Facilities