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Type: **Poster Presentation**

Vertical emittance control with a beam shaker for PETRA IV

Monday 2 June 2025 16:00 (2 hours)

As an option to control the vertical emittance a beam shaker will be implemented at the planned upgrade of the synchrotron light source at DESY, Hamburg. We evaluate the electron beam dynamics for a simple sine-wave and a noise band excitation and present the expected equilibrium vertical emittances.

Footnotes

Paper preparation format

LaTeX

Region represented

Europe

Funding Agency

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