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Type: **Poster Presentation**

Dynamic simulation of collective physics in SSMB storage ring

Wednesday 4 June 2025 16:00 (2 hours)

We simulated the dynamic problems in the SSMB storage ring, such as TMCI, through the dynamic simulation software elegant and discovered its instability threshold current intensity.

Footnotes

Paper preparation format

Region represented

Asia

Funding Agency

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Track Classification: MC5: Beam Dynamics and EM Fields: MC5.D05 Coherent and Incoherent Instabilities Theory, Simulations, Code Development