Contribution ID: **708** Contribution code: **THOGB2** Type: **Contributed Oral Presentation**

Beam tomography with coupling using maximum entropy technique

Thursday, 11 May 2023 11:50 (20 minutes)

Current analytical beam tomography methods require an accurate representation of the beam transport matrix between the reconstruction and measurement locations. In addition, these methods need the transport matrix to be linear as the technique depends on a simple mapping of the projections between the two areas, a rotation, and a scaling. This work will explore expanding beam tomography for transversely coupled beam and non-linear beam transports.

Funding Agency

Footnotes

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Yes

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Session Classification: MC05.3 - Beam Dynamics and Electromagnetic Fields (Contributed)

Track Classification: MC5: Beam Dynamics and EM Fields: MC5.D11: Code Developments and Simulation Techniques