



Contribution ID: 191 Contribution code: TUYN01

Type: **Invited Oral Presentation**

Design of Plasma-Based Colliders

Tuesday 12 August 2025 11:00 (30 minutes)

This presentation covers the design of plasma and wakefield-based particle colliders. It will briefly review the development of wakefield collider concepts over the past decades and then focus on the HALHF Higgs Factory and 10 TeV pCM Wakefield Collider design studies, discuss commonalities between these efforts and highlight their unique aspects.

Please consider my poster for contributed oral presentation

No

Would you like to submit this poster in student poster session on Sunday (August 10th)

No

Footnotes

Funding Agency

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I have read and accept the Privacy Policy Statement

Yes

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Session Classification: Novel Particle Sources, Acceleration Techniques, and their Applications (Invited)

Track Classification: MC3 - Novel Particle Sources, Acceleration Techniques, and their Applications