International Workshop on Future Linear Colliders, LCWS2024



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CFD simulations of high power positron converter targets

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High power converter positron targets can be designed and assessed thermally with computational fluid dynamics (CFD). I will present the CFD assessments of a high power liquid Xenon (LXe) target and a rotating tungsten target with the ILC time structure for the beam.

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Session Classification: Sources

Track Classification: Accelerator: Sources