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## Positron Acceleration in Plasmas

*Monday, 7 November 2022 10:40 (30 minutes)*

Stable acceleration of high-quality beams is a critical task for the realization of a plasma-based, linear collider. However, in plasma accelerators, the acceleration of collider-relevant positron beams is challenging even conceptually. Recently, many new positron acceleration schemes have been proposed to overcome this issue. In this talk, we review the latest advances on plasma-based positron acceleration concepts and their respective challenges. The path to collider-relevant beam parameters is discussed.

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