

EuroNNAC and EuPRAXIA Workshop on Pilot Applications of Electron Plasma Accelerators (PAEPA)



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Positron source overview

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The aim of this talk is to give an overview of current and planned positron source technologies. Such sources include electron beams incident on amorphous conversion targets or crystalline targets, as well as gamma-ray positron sources using either Compton back-scattering or undulators to produce gamma-rays which are then incident on thin targets. Currently achievable fluxes and emittances are reviewed.

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Session Classification: Session 4: positron sources and applications