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Dielectric laser acceleration: results and perspective

Tuesday, 15 September 2015 08:30 (40 minutes)

Dielectric laser accelerators are potential candidates to succeed conventional RF accelerators because they can support high accelerating field and use commercial lasers as a power source. The recent results achieved in proof-of-concept experiments will be detailed. The next steps envisaged to demonstrate the viability of dielectric laser acceleration for various applications will be outlined.

Primary author: ENGLAND, Joel (SLAC)

Presenter: ENGLAND, Joel (SLAC)

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