Laser-Plasma Accelerators Workshop



Contribution ID: 13 Type: Poster (participant)

Analytic solutions for plasma expansion into vacuum

Monday, 14 April 2025 17:10 (1h 30m)

We investigate a simple hydrodynamic plasma expansion model which contains the coupled continuity, Euler and Poisson equations with the reduction technique applying the self-similar and the traveling wave trial functions and present analytic results.

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