

Abstract Submitted
for the DPP19 Meeting of
The American Physical Society

Particle acceleration in astrophysical and laboratory plasmas.

FREDERICO FIUZA, SLAC National Accelerator Laboratory — The fast progress in high-energy-density (HED) experimental facilities and computational capabilities is creating a unique window of opportunity to push the boundaries of our understanding of particle acceleration in astrophysics and laboratory plasmas. I will discuss recent results from fully-kinetic particle-in-cell simulations and HED experiments on particle acceleration in jets and collisionless shocks.

Frederico Fiuza
SLAC National Accelerator Laboratory

Date submitted: 03 Jul 2019

Electronic form version 1.4