

Guest Editorial

Special Issue on Z-Pinch Plasmas

WE are pleased to present the 8th Special Issue on Z-Pinch Plasmas [1], [2], [3], [4], [5], [6], [7]. This Special Issue follows the 12th International Conference on Dense Z-Pinches (DZP), which was held in Ann Arbor, MI, USA, July 9–13, 2023. Many of the contributions in this Special Issue are expanded works from this conference.

This Special Issue features 18 articles from teams representing academia, national laboratories, and industry. The topics covered include magnetized liner inertial fusion (MagLIF), dense plasma focuses, gas-puff Z-pinches, capillary Z-pinches, shear-flow-stabilized Z-pinches, electrical wire explosions, X-pinches, magnetized plasma flows, diagnostic developments, data analysis and measurement techniques, numerical techniques, simulations, and theory.

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