

## Funded Projects (Alphabetical by Facility), Second Round

Facility	Applicant	Institution	Project Title
<b>COBRA, Cornell University</b>	Robert Beattie-Rossberg	University of California, San Diego	Study of the Dynamics of Noble Gases in Gas-Puff Z-Pinch Experiments at a 1-MA Current Generator
<b>COBRA, Cornell University</b>	Pierre Gourdain	University of Rochester	Testing a True Optical Derivative to Measure Low-k Turbulence on COBRA for Astrophysically Relevant Flows
<b>COBRA, Cornell University</b>	Simon Bott-Suzuki	University of California, San Diego	Characterization of Nonlinear Diffusion Using Radial Foils
<b>MJOLNIR</b>	Mark Cappelli	Stanford University	Inverse Bremsstrahlung Measurements of Plasma Density and Temperature on the MJOLNIR Dense Plasma Focus
<b>MJOLNIR</b>	Eric Lavine	Cornell University	Radial Wire-Mediated Stabilization and Jet Formation in a Dense Plasma Focus
<b>MYKONOS</b>	Bruno Bauer	University of Nevada, Reno (NSHE)	Investigating the Impact of MITL Plasma on Load Surface Hydrodynamics and Electrothermal Instability
<b>MYKONOS</b>	Mark Gilmore	University of New Mexico	Millimeter-Wave Reflectometry and Interferometry for Low-Density Plasma Measurements in Magnetically Driven Experiments
<b>MYKONOS</b>	Adele Payman	California Institute of Technology	Investigation of Braided Plasmas Using Helical Wire-Array Experiments on Mykonos
<b>ZEBRA, University of Nevada, Reno</b>	Arijit Bose	University of Delaware	Magnetic Pressure-Driven Collimation and Deflection of Coronal Plasma Outflows
<b>ZEBRA, University of Nevada, Reno</b>	Vladimir Ivanov	University of Nevada, Reno (NSHE)	Laser Initiation of Hot Spots in X-Pinches
<b>ZEBRA, University of Nevada, Reno</b>	Hiroshi Sawada	University of Nevada, Reno (NSHE)	Dual-Spectral Broadband X-Ray Radiography for High-Density Plasma Diagnostics on ZEBRA
<b>ZEBRA, University of Nevada, Reno</b>	Petros Tzeferacos	University of Rochester	ZEBRA Experiments to Study the Stability of Liner-on-Target Gas-Puff Z-Pinches at Varying Liner Radii