

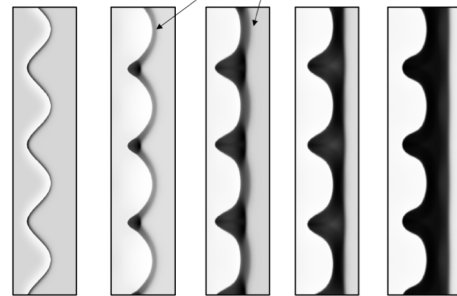
Hydrodynamics Lab: Prof. Jessica K. Shang

Viscosity and Particle Dynamics in High Energy Density Materials

Hydrodynamics of ICF, astrophysics, dynamos

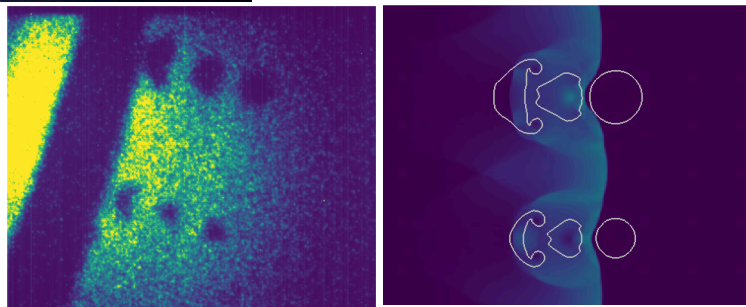


OMEGA target chamber (LLE)



Simulations of perturbed shock decay

Experimental radiographs and simulations of shock-particle interactions



Cerebrospinal Fluid Dynamics in the Brain

Alzheimer's and other cognitive diseases

Simulations of fluid-structure interactions between arteries and perivascular spaces

