

Plasma Physics at UCI

<https://www.physics.uci.edu/research/plasma>

Fusion



William Heidbrink
Fast ion instabilities in
Tokamaks



Zhihong Lin
Gyrokinetic toroidal
simulations



Liu Chen (Emeritus)
laboratory and space
plasma theory

Experimental

Laser Plasma Interactions



Franklin Dollar
Ultrafast Laser Plasma
Interactions



Chris Barty
Laser Compton
Scattering

Theory & Simulations



Toshi Tajima
Laser Wakefield
Acceleration

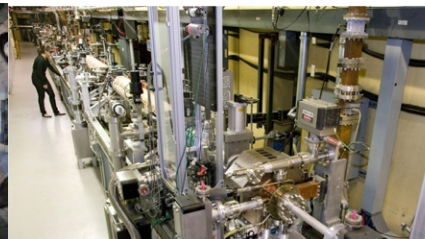
Advanced Accelerators at
UCI Laser Lab



Tokamak research at
DIII-D



Laser Compton Scattering
experiments at LLNL



GTC Simulations on
Summit Supercomputer



UCI