

# Recent Developments of a Laser-Driven Ion Acceleration Beamline at SIOM

J BIN<sup>1</sup>

<sup>1</sup>*State Key Laboratory of High Field Laser Physics, Shanghai Institute of Optics and Fine Mechanics, 201800, Shanghai, China. Contact Phone: +8615316003983  
Contact Email: jianhui.bin@siom.ac.cn*

Laser driven ion acceleration provides a route to achieve high quality ion beams, which could be superior for specific applications. In this talk I will present recent development of a laser driven ion acceleration beam line based on a homemade table-top 200 TW laser system at Shanghai Institute of Optics and Fine Mechanics (SIOM). Our major motivation is the potential application of such pulsed ion sources.