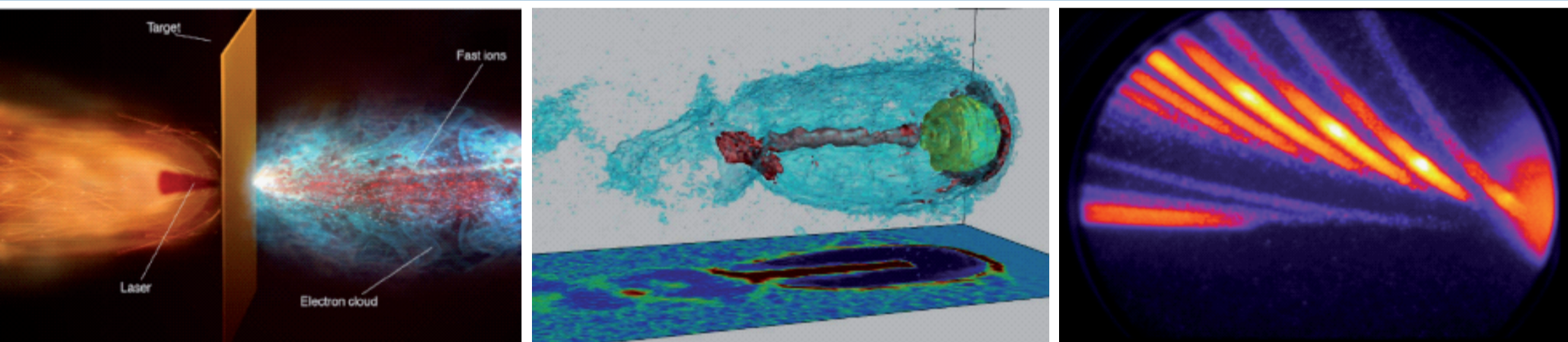


ExtreMe Matter Institute EMMI

EMMI Workshop

High energy density plasma diagnostics at FAIR: Novel laser based photon and particle sources

GSI, Darmstadt, Germany
September 30 - October 2, 2013



Key Topics

- Proton generation by interaction of relativistic laser pulses with matter
- Electron acceleration in relativistic laser-plasmas
- Bright neutron source driven by short pulse lasers and applications
- Advanced x-ray and γ -ray sources and applications
- Nuclear physics in laser-matter interactions
- High energy flux x-ray and γ -ray detectors and optics

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