

ASTROPHYSICAL OBJECTS IN THE LABORATORY

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The advent of the first free-electron X-ray lasers (XFELs), FLASH in 2004 and LCLS in 2009, may prove to be the most profound development since the invention of the laser and, equally, the synchrotron. High-Energy Density (HED) science at European XFEL will soon allow scientists to reproduce and study matter commonly found in planets in - and beyond - our solar system. The talk will focus on how physicists will use XFELs to gain knowledge about the interior of planets such as Earth and Jupiter.

FRIDAY,
23.06.2017

2:00 PM

CFEL
SEMINAR ROOMS I-III

