

**CENTRE D'ETUDES NUCLÉAIRES DE
BORDEAUX-GRADIGNAN**

Mardi 14 Juin 2016

à

11H

Un café sera servi à partir de 10h45

Christopher MURPHY

Université de York, Royaume Uni

Laser Plasmas for Accelerator and Nuclear Physics

Since the theory of laser plasma acceleration was first discussed around 40 years ago, the field has grown and matured in step with increasing laser technology and laser intensity. This first part of this talk will look at some of the new high field physics accessible with these new laser systems and how laser accelerated electrons can help us understand them.

The talk will conclude with a discussion of an experiment which will aim to access aspects of nuclear physics inaccessible to conventional accelerators.

Salle des Séminaires du CENBG

Le Haut Vigneau - BP 120 - F-33175 Gradignan Cedex