

## **Session Program**

**22-28 Jun 2019**



## **PPPS 2019**

### ***4.4 High Energy Density Matter***

DoubleTree at the Entrance to Universal Orlando  
5780 Major Blvd. Orlando, Florida, 32819, USA

# Thursday 27 June

10:00

## 4.4 High Energy Density Matter

**Session** | **Location:** Double Tree at the Entrance to Universal Orlando, Gold Coast III/IV | **Convener:** Mark Hess

10:00–10:30

### A Study of Magnetized Jet Stability Using High Energy Density Plasmas

#### Speakers

Hannah Hasson, Pierre Gourdain

10:30–10:45

### Thomson Scattering Measurements of Bow-shocks in Radiatively-cooled Magnetically Accelerated Plasma Flows

#### Speaker

Simon Bott-Suzuki

10:45–11:00

### An absorption spectroscopy platform to measure photoionization fronts in the laboratory

#### Speaker

Heath LeFevre

11:00–11:30

### Nernst Thermomagnetic Waves in Magnetized High Energy Density Plasmas

#### Speaker

Dr Alexander Velikovich

11:30–11:45

### Electrical explosions of cylindrical wire arrays in different materials

#### Speaker

Dr David Yanuka

11:45–12:00

### Exploring Properties of Warm Dense Matter Using Microsecond Timescale Pulse Power Drive

#### Speaker

Robert Reinovsky

12:00