

Session Program

22-28 Jun 2019



PPPS 2019

4.2 Particle Acceleration with Laser and Beams

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

Tuesday 25 June

09:45

4.2 Particle Acceleration with Laser and Beams

Session | **Location:** Double Tree at the Entrance to Universal Orlando, Gold Coast I/II | **Convener:** Jens Osterhoff

09:45-10:15

Progress of beam driven plasma acceleration at FLASHForward

Speaker

Dr Lucas Schaper

10:15-10:30

Time-dependent behavior of capillary discharge devices for plasma-wakefield acceleration

Speaker

Gregory Boyle

10:30-10:45

Proton Driven Plasma Wakefield Acceleration: AWAKE at CERN - Concept, Experiment and Latest Results

Speaker

Mr Mathias Hüther

11:00-11:15

Study of the effects of laser pulse intensity modulations on the plasma oscillations and electron energy gain in the bubble regime.

Speaker

Anatoliy Shapolov

11:15-11:30

Experimental demonstration of a laser proton accelerator with accurate beam control through image-relaying transport

Speaker

Dr Chen Lin

11:45