

Session Program

22-28 Jun 2019



PPPS 2019

4.6 Fast Z Pinches I

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

Wednesday 26 June

10:00

4.6 Fast Z Pinches I

Session | Location: Seminole D/E | Convener: Steve Richardson

10:00-10:30

New insights in pulsed power driven explosion of underwater wires and wire arrays

Speaker
Simon Bland

10:30-10:45

Thomson Scattering on Laboratory Plasma Jets to Study Current Polarity Effects

Speaker
Jacob Banasek

10:45-11:00

ALUMINUM DOUBLE PLANAR WIRE ARRAYS AND DOUBLE PLANAR FOIL LINERS ON THE UNR AND UM PULSED POWER DRIVERS

Speaker
Christopher Butcher

11:00-11:15

Photonic Doppler Velocimetry (PDV) of Bare and Dielectric-Coated Aluminum Exploded by Intense Current

Speaker
Prof. Bruno Bauer

11:15-11:30

Shock waves generated by underwater electrical explosion of a single wire

Speaker
Sasha Rososhek

11:30-12:00

Irradiation of silicon targets by outflows emitted by conical wire array Z-pinches.

Speaker
Felipe Veloso

12:00