

Session Program

22-28 Jun 2019



PPPS 2019

9.1 Optical, X-ray, FIR, and Microwave Diagnostics and 9.3 Pulsed Power Diagnostics

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

Monday 24 June

16:00

9.1 Optical, X-ray, FIR, and Microwave Diagnostics and 9.3 Pulsed Power Diagnostics

Session | **Location:** Double Tree at the Entrance to Universal, Seminole A/B | **Convener:** Clayton Myers

16:00-16:15

Hyperfine structure and isotopic shift analysis of uranium transitions using LIF of laser-produced plasma

Speaker

Dr S. S. Harilal

16:15-16:30

Propagation process of streamers and time history of reduced electric field during nanosecond pulsed discharge in coaxial electrode in atmospheric air

Speaker

Terumasa Ryu

16:30-16:45

Importance of RF Measurements in Pulsed-Plasma Applications

Speaker

Mr Stephen Heagy

16:45-17:00

Influencing Factors and Error Analysis of Pulse Current Measurement With Air-core Rogowski Coil

Speaker

Yao Xu

17:00-17:15

A Multi-Material Velocimetry Detector for Pulsed Power Flow Studies

Speaker

Mark Hess

17:15-17:30

Plasma Kinetics Study of a Repetitive 10-ns Pulsed Plasma Ignition for Combustion

Speaker

Mr David Alderman

17:30