

Session Program

22-28 Jun 2019



PPPS 2019

1.6 Plasma Chemistry

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

Friday 28 June

10:00

1.6 Plasma Chemistry

Session | **Location:** Space Coast I-III | **Convener:** Jared Miles

10:00-10:15

Reactivity Characterization Due to Ozone Generation by Low-Temperature Plasma Discharges at Engine Relevant Densities

Speaker

Sayan Biswas

10:15-10:30

ATOMIC HYDROGEN GENERATION IN THE IONIZING PLASMA REGION AND EFFLUENT OF A HELIUM-WATER ATMOSPHERIC PRESSURE PLASMA JET BY TWO-PHOTON ABSORPTION LASER INDUCED FLUORESCENCE (TALIF)

Speaker

Mr Yuanfu Yue

10:30-11:00

High-temperature uranium plasma chemistry

Speaker

Dr S. S. Harilal

11:00-11:15

Mapping of 2-D plasma-induced fluid flow using particle image velocimetry

Speaker

Ms Janis Lai

11:15-11:45

The influence of microwave pulse length and repetition rate on laminar burning velocity in lean methane-air flames

Speaker

Dr Tomas Hurtig

11:45-12:00

Species Dynamics in Ar/H Plasma Supporting Actinometry Diagnostics Correlation Experiments

Speaker

Robert Terry

12:00