

Session Program

22-28 Jun 2019



PPPS 2019

6.1 Nonequilibrium Plasma Applications III

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

Friday 28 June

10:00

6.1 Nonequilibrium Plasma Applications III

Session | **Location:** Double Tree at the Entrance to Universal Orlando, Seminole C | **Convener:** Abdel-Aleam Mohamed

10:00–10:30

Microplasma Photonic Crystals Beyond Three-Dimensions

Speakers

Mr Wenyan Chen, Dr Peter P. Sun

10:45–11:00

The effect of applied voltage on the laminar-turbulent transition in atmospheric-pressure plasma jet

Speaker

Dr Abdel-Aleam Mohamed

11:00–11:15

Decomposition of 2,4-dichlorobenzonic acid in hydroponic nutrient solution using discharge inside bubble

Speaker

Dr Katsuyuki Takahashi

11:15–11:30

Inception Voltage for Corona-like Discharges Generated with 100-ns High Voltage Pulses in Water Depending on Pulse Shape and Water Conductivity

Speaker

Raphael Rataj

11:30–11:45

EFFECT OF SUBSTRATES ON A NANOSECOND HELIUM PLASMA JET IMPINGING ON WATER, SALINE OR PIG SKIN

Speaker

shutong song

11:45–12:00

Dynamic Band-Pass and Band-Stop Filters Realized with Multidimensional Microplasma Photonic Crystals

Speaker

Dr Peter P. Sun

12:00