

## Session Program

22-28 Jun 2019



## PPPS 2019

### ***2.5 Codes and Modeling and 2.8 THz Sources, Radiation, and Applications***

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

## Thursday 27 June

13:30

### 2.5 Codes and Modeling and 2.8 THz Sources, Radiation, and Applications

**Session** | **Location:** Double Tree at the Entrance to Universal Orlando, Seminole A/B | **Convener:** Ian Rittersdorf

13:30-13:45

#### Least-Square Weighted Residual Methods for Solution of Global Model Equations

##### Speaker

Sergey Averkin

13:45-14:00

#### Low-Impedance S-Band MILO

##### Speaker

Mr Matthew Abide

14:00-14:15

#### COMPUTER SIMULATION AND THE PHYSICS OF MIRAM CURVES

##### Speaker

John Petillo

14:15-14:30

#### A Model of Thermal-Field Current from Microscopic Structures

##### Speaker

John Petillo

14:30-14:45

#### Laser-Driven Semiconductor Switch for Generating Nanosecond Pulses from a Megawatt Gyrotron

##### Speaker

Julian Picard

14:45-15:00

#### THz Wakefield Source Powered by Nonrelativistic Electron Beam

##### Speaker

Prof. Sergey Baryshev

15:00-15:15

#### THz Structures for MeV Electron Bunch Compression

##### Speaker

Mohamed Othman

15:15-15:30

#### A cold-cathode magnetron gun in plasma mode as driver for a THz generator

##### Speaker

Prof. Sergiy Cherenshchikov

15:30