Session Program

22–28 Jun 2019

PPPS 2019

2.5 Codes and Modeling

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

Monday 24 June

09:45

2.5 Codes and Modeling
Session |
Location: Double Tree at the Entrance to Universal, Space Coast I-III, 5780 Major Blvd. Orlando, Florida, 32819, USA
|
Convener: Ian Rittersdorf

09:45–10:15
THE MICHELLE CODE: LATEST FEATURES AND ADVANCED APPLICATIONS

Speaker
John Petillo

10:15–10:30
BROADBAND BOUNDARY MODEL FOR INJECTION AND ABSORPTION OF EM-WAVES WITH THE HIGDON OPERATOR METHOD

Speaker
Larry Ludeking

10:30–10:45 Elastostatics in Beam Optics Analyzer

Speaker
Mr Thuc Bui

10:45–11:00
PERFORMANCE PORTABLE FINITE VOLUME MAGNETOHYDRODYNAMICS FOR THE EXASCALE ERA

Speaker
Forrest Glines

11:00–11:15
Optimization of a Folded Waveguide Traveling Wave Tube Using Impedance Matrices

Speaker
Aaron Jensen

11:15–11:30
Importing CAD-Generated Device Geometry to the Neptune EM-PIC Simulation Code

Speaker
Dr Simon Cooke

11:45