

Session Program

22-28 Jun 2019



PPPS 2019

1.2 Computational Plasma Physics I

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

Monday 24 June

09:45

1.2 Computational Plasma Physics I

Session |
Location: Double Tree at the Entrance to Universal Orlando, Seminole A/B, 5780 Major Blvd. Orlando, Florida, 32819, USA |
Convener: John W. Luginsland

09:45-10:00	Fractional models in solving Maxwell equations and applications Speaker Prof. Lay Kee Ang
10:00-10:30	Consistent BGK model for high energy density plasma mixtures Speaker Jeffrey Haack
10:45-11:00	Speed-limited Particle-in-cell for Fast Simulation of Slow-plasma Problems Speaker Dr Andrew Chap
11:00-11:15	Transition of low-temperature plasma similarity laws from low to high ionization degree regimes* Speaker Dr Yangyang Fu
11:30-11:45	Numerical study of a coaxial electron sheath Speaker Dr Andrew Fierro

11:45