Session Program

22–28 Jun 2019

PPPS 2019

1.2 Computational Plasma Physics II

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

Tuesday 25 June

16:00

1.2 Computational Plasma Physics II
Session | **Location:** Seminole A/B | **Convener:** YANGYANG FU

16:00–16:15 **Macroparticle combination algorithm for plasma PIC simulation**

Speaker
Jarrod Leddy

16:15–16:30

Benchmarking the Kinetic Global Model framework (KGMf): EEDF evaluations in low-temperature argon plasmas*

Speaker
Janez Krek

16:30–17:00

Advanced Implicit and Hybrid Techniques for the Simulation of High Density Volumetric and Electrode Plasmas

Speaker
Dr Dale Welch

17:00–17:15

A multi-term spherical harmonic expansion of the Boltzmann equation for modeling low-temperature collisional plasmas

Speaker
S.B. Swanekamp

17:15–17:30

The rigid-beam model as a test case for simulations of plasma generated by an intense electron beam

Speaker
Steve Richardson

17:30