

Session Program

22-28 Jun 2019



PPPS 2019

7.3 Compact Pulsed Power

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

Wednesday 26 June

10:00

7.3 Compact Pulsed Power

Session | **Location:** Double Tree at the Entrance to Universal Orlando, Space Coast I-III | **Convener:** Prof. Laurent PECASTAING

10:00–10:30

First implementation of a solid-state Impedance-Matched Marx Generator

Speaker

Dr Tom Huiskamp

10:30–10:45

Ultra-High Voltage NanoDielectrCapacitor Development, and Testing for Compact Pulsed Power*

Speaker

Randy Curry

10:45–11:00

PORTABLE SHORT PULSE NEUTRON SOURCE FOR IDENTIFICATION AND LOCALIZATION OF CLANDESTINE NUCLEAR MATERIALS

Speaker

Brady Gall

11:00–11:15

Low Energy Laser Triggering at 1535 nm

Speaker

Jon Pouncey

11:15–11:30

Microsecond Fast, 100 kV Modular Pulse Charger

Speaker

Tyler Klein

11:30–11:45

New Marx based generator using IGBTs for adjustable quasi-rectangular pulses

Speaker

Yahia ACHOUR

12:00