



# PPPS 2019

## Thursday, 27 June 2019

### 2.3 Slow-Wave Devices - Seminole A/B (10:00 - 12:00)

-Conveners: Nick Jordan

time	[id] title	presenter
10:00	[1212] Experimental Study of a Millimeter Wave Relativistic Backward Wave Oscillator*	Dr ELFRGANI, Ahmed
10:15	[782] Multiple Beam Power Grid Tubes for High Frequency and High Power Operation	IVES, Lawrence
10:30	[1008] A 1.3 GHz 100 kW Ultra-High Efficiency Klystron	IVES, Lawrence
10:45	[1091] COAXIAL-ALL-CAVITY-EXTRACTION ON THE HARMONIC RECIRCULATING PLANAR MAGNETRON	Dr HOFF, Brad SWENSON, Christopher PACKARD, Drew Dr GREENING, Geoffrey Dr HAMMOND, Jason JORDAN, Nick Prof. GILGENBACH, R. M. EXELBY, Steven Prof. LAU, Y. Y.
11:00	[937] Inclusion of Circuit Loss in an Exact Treatment of a Helix Traveling Wave Tube	JASSEM, Abhijit
11:15	[1081] MODELING STABILITY OF VACUUM ELECTRONIC DEVICES USING GENERALIZED IMPEDANCE MATRIX APPROACH	Dr CHERNYAVSKIY, Igor
11:30	[1205] An Electron Gun for a Sheet Beam with a 3 to 1 Aspect Ratio: Design and Optimization	BURKE, Alex
11:45	[1293] W-band 2D Periodic Lattice Oscillator	WHYTE, colin