

Session Program

18-22 Jun 2017



2017 IEEE Pulsed Power Conference

Oral session 3 - High Power Microwave Systems and Sources - Session Chair : Steve Calico

Hilton Brighton Metropole Hotel
Kings Road Brighton BN1 2FU United Kingdom

Monday 19 June

10:00

Oral session 3 - High Power Microwave Systems and Sources - Session Chair : Steve Calico

Session | **Location:** Hilton Brighton Metropole Hotel, Oxford Hall

10:00-10:15

O-TYPE METAMATERIAL HIGH POWER MICROWAVE SOURCE WITH 310 MW OUTPUT POWER*

Speaker

Mr Sabahattin Yurt

10:15-10:30

GW level microwave pulses in X-band from a combination of a relativistic BWO and a helical-waveguide compressor

Speaker

Adrian Cross

10:30-10:45

RESULTS OF A COMPACT REFLEX TRIODE WITH MULTI CAVITY ADJUSTMENT

Speaker

David Barnett

10:45-11:15

TRANSPARENT CATHODE AS A NEW CHERENKOV OSCILLATOR

Speaker

Prof. Edl Schamiloglu

11:15-11:30

DESIGN AND SIMULATION OF A RELATIVISTIC INVERTED MAGNETRON

Speaker

Renee Van Ginhoven

11:30-12:00

Refurbishment of the ORION System at NSWC Dahlgren

Speaker

John Krile

12:00-12:15

The wakefield excited by an ultra-short HPM pulse in an under dense plasma filled cylindrical waveguide

Speaker

Dr J.G. Leopold

12:15-12:30

Experimental investigation of an L band all cavity axial extraction relativistic magnetron

Speaker

Fen Qin

12:30