

Session Program

18-22 Jun 2017



2017 IEEE Pulsed Power Conference

Oral session 2 - Medical, Biological and Environmental Applications - Session Chair : Wolfgang Frey

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

Monday 19 June

10:00

Oral session 2 - Medical, Biological and Environmental Applications - Session Chair : Wolfgang Frey

Session | Location: Hilton Brighton Metropole Hotel, Stanmer

10:00-10:30

POWER MODULATOR FOR HIGH-YIELD PRODUCTION OF PLASMA ACTIVATED WATER

Speaker

Prof. Guus Pemen

10:30-10:45

Study of OH Radical Generation Process in Pulsed Air Discharge Including Water Droplets

Speaker

Taichi Sugai

10:45-11:15

SUB-MICROSECOND DISCHARGES FOR THE DEGRADATION OF ORGANIC POLLUTANTS IN WATER*

Speaker

Prof. Juergen F. Kolb

11:15-11:30

Optimization of Persistent Organic Pollutants Treatment in Wastewater Using by Nanosecond Pulsed Non-Thermal Plasma

Speaker

Mr Shintaro Kodama

11:30-11:45

Dose effect of high frequency nanosecond pulse bursts on muscle contraction of rabbit in vivo

Speaker

Dr Jin Xu

11:45-12:00

Local Heating and Stresses Across Membranes of Microorganisms Exposed to Pulsed Electric Fields

Speaker

Bolin Song

12:00-12:15

Pulsed Electric Field Processing of Fruits and Vegetables

Speaker

Michael Kempkes

12:15-12:30

Atmospheric pressure dry- and mist-plasma jets using pulsed power generator and their effects on HeLa cells

Speaker

Ken Watanabe

12:30