

2017 IEEE Pulsed Power Conference

Monday, 19 June 2017

Oral session 2 - Medical, Biological and Environmental Applications - Session Chair : Wolfgang Frey - Stanmer (10:00 - 12:30)

time	[id] title	presenter
10:00	[69] POWER MODULATOR FOR HIGH-YIELD PRODUCTION OF PLASMA ACTIVATED WATER	Prof. PEMEN, Guus
10:30	[418] Study of OH Radical Generation Process in Pulsed Air Discharge Including Water Droplets	SUGAI, Taichi
10:45	[361] SUB-MICROSECOND DISCHARGES FOR THE DEGRADATION OF ORGANIC POLLUTANTS IN WATER*	Prof. KOLB, Juergen F.
11:15	[429] Optimization of Persistent Organic Pollutants Treatment in Wastewater Using by Nanosecond Pulsed Non-Thermal Plasma	Mr KODAMA, Shintaro
11:30	[324] Dose effect of high frequency nanosecond pulse bursts on muscle contraction of rabbit in vivo	Dr XU, Jin
11:45	[387] Local Heating and Stresses Across Membranes of Microorgansims Exposed to Pulsed Electric Fields	SONG, Bolin
12:00	[177] Pulsed Electric Field Processing of Fruits and Vegetables	KEMPKES, Michael
12:15	[417] Atmospheric pressure dry- and mist-plasma jets using pulsed power generator and their effects on HeLa cells	WATANABE, Ken