

APSPT-8 2013 Poster Award Presentation List

Presenting No.	Presenting First Name	Presenting Last Name	Session Category	Session Date	Poster Set-Up Date	Poster Take-Down Date	Title of Abstract
PA-01	Hiroki	Kato	Poster Session I & II	21-Dec-13, 22-Dec-13	21-Dec-13	22-Dec-13	Sterilization of Escherichia coli in Water using Atmospheric Air Plasma
PA-02	Chun-Hao	Fu	Poster Session I & II	21-Dec-13, 22-Dec-13	21-Dec-13	22-Dec-13	The inactivation of a homemade atmospheric pressure needle plasma in root canal prosthesis infected with Escherichia coli and Enterococcus faecalis
PA-03	Shih Chien	Liu	Poster Session I & II	21-Dec-13, 22-Dec-13	21-Dec-13	22-Dec-13	Low Leakage Current GaN MIS-HEMT with SiNx Gate Insulator using N2 Plasma Treatment
PA-04	Yen-Chiao	Chen	Poster Session I & II	21-Dec-13, 22-Dec-13	21-Dec-13	22-Dec-13	Particle-in-Cell simulation of nonlinear sheath evolution in the presence of kinetic instabilities
PA-05	Kuang-Yao	Cheng	Poster Session I & II	21-Dec-13, 22-Dec-13	21-Dec-13	22-Dec-13	UV Emission Enhancement of a Nitrogen-Based Atmospheric-Pressure Planar Dielectric Barrier Discharge Jet with Shorter Electrodes
PA-06	Hsuan Ching	Chiang	Poster Session I & II	21-Dec-13, 22-Dec-13	21-Dec-13	22-Dec-13	Hydrogen Production for Fuel Cell Battery by Plasma Discharge
PA-07	Yuriko	Matsuya	Poster Session I & II	21-Dec-13, 22-Dec-13	21-Dec-13	22-Dec-13	High Removal Rate of CF4 Using DC Plasma within Bubbles and Trapping of Fluorine
PA-08	Yasuhiro	Mihara	Poster Session I & II	21-Dec-13, 22-Dec-13	21-Dec-13	22-Dec-13	Observation of Underwater Discharge Phenomena Using a Laser Schlieren Technique
PA-09	Takahiro	Ishiguro	Poster Session I & II	21-Dec-13, 22-Dec-13	21-Dec-13	22-Dec-13	Improvement of Efficiency in Decomposition of High-Concentrated Organic Compounds by Advanced Oxidation Process Using Plasmas
PA-10	Chia-Fu	Chen	Poster Session I & II	21-Dec-13, 22-Dec-13	21-Dec-13	22-Dec-13	Effect of plasma radical composition on a-Si:H film uniformity and performances of hetero-junction solar cells
PA-11	Chia-Ti	Chang	Poster Session I & II	21-Dec-13, 22-Dec-13	21-Dec-13	22-Dec-13	Surface modification of poly(ethylene terephthalate) by plasma polymers from Hexamethyldisiloxane for enhancing the effect of Water Vapor/Oxygen Barrier
PA-12	Shiu-Cheng	Lou	Poster Session I & II	21-Dec-13, 22-Dec-13	21-Dec-13	22-Dec-13	Plasma Illumination Characteristics of a Coaxial Microplasma Discharge using Diamond Coated Cathodes