

Plasma 2014 - Poster / Oral Papers
INDUSTRIAL PLASMA (IP)

No.	ID	Title	Primary Author	Tracks	Type
1	23	Plasma Assisted Deposition Of GaAs/Au Nanostructures	Dr. ROY, S.	IPE	Poster
2	105	Surface Modification of High Density Polyethylene and Polycarbonate by Atmospheric Pressure Cold Argon/Oxygen Plasma Jet	Mr. SHRESTHA, Rajendra	IPE	Poster
3	114	Effect of Electrode Material, Frequency and Applied Voltage on the Discharge Delay Time of Dielectric Barrier Discharge	Mr. SARAVANAN, A	IPE	Poster
4	243	Diagnostics of Plasma Mode Switching in Inverted Polarity Planar Magnetron	Mr. CHAUHAN, Samir	IPE	Poster
5	295	Structuring of NCD (Nano Crystalline Diamond) Using DC Plasma Source	Mr. SAVARIMUTHU, Infant Solomon Vinoth S	IPE	Poster
6	300	Surface plasmon resonance of copper nanostructures fabricated using hot, dense and extremely non-equilibrium plasma	Dr. NAOREM, Bilasini	IPE	Poster
7	301	Preparation and characterization of HMDSO coatings on the surface of PP films using dc excited glow discharge plasma enhanced chemical vapor deposition	Mr. NAVANEETHA PANDIYARAJ K, Krishnasamy	IPE	Poster
8	305	CHARACTERIZATION OF DC PLASMA SPRAY TORCH AND SYNTHESIS OF LANTHANUM ZIRCONATE FOR THERMAL BARRIER COATINGS BY BALL MILLING METHOD	Mr. SIVAKUMAR, Sankaran	IPE	Poster
9	318	STUDY OF TRANSIENT ELECTRIC FIELDS IN CAPACITIVELY COUPLED DISCHARGES	Dr. SHARMA, Sarveshwar	IPT	Poster
10	394	Phasor Voltage Network method for Determining Electrical Model of 13.56MHz RF Plasma and its Matching Network for Low Power Industrial Application	Mr. VISANI, Anand	IPE	Poster
11	408	Surface Modification of Polystyrene Petri dish to Enhance Cell Adhesion by Atmospheric Pressure Argon Plasma Jet [APAPJ] Treatment	Mr. GURUNG, Jyoti Prakash	IPE	Poster
12	417	Investigation of the current- voltage characteristics of a dc non- transferred arc plasma torch using heat balance measurements	Mr. VADIKKEETIL, Yugesh	IPE	Poster
13	447	Ballistic Deposition Model for Structure and Morphology of Vapor Deposited Thin Films	Ms. K VIJAY, Nimitha	IPT	Poster
14	459	STUDY ON PLASMA SPRAYING AND OXIDATION BEHAVIOUR OF BALL MILLED ZIRCONIA/ALUMINA AND ZIRCONIA/TITANIA COMPOSITE POWDERS	Mr. KANDASAMY, Praveen	IPE	Poster
15	477	PLASMA SPRAY DEPOSITION AND CHARACTERIZATION OF YSZ-SrZrO ₃	Mr. M.C, Ramkumar	IPE	Poster
16	486	PLASMA SELECTIVE ETCHING OF COMPOSITE SURFACES FOR IMPROVED TRACKING RESISTANCE PROPERTIES	Mr. PULIYALIL, Harinarayanan	IPE	Poster
17	501	Electric Field Simulations of Biased Dielectric-Covered Electrodes	Dr. SRIVASTAVA, Anand Kumar	IPT	Poster
18	506	ELECTRICAL AND OPTICAL CHARACTERIZATION OF COMMERCIAL HG-BASED UV-LAMP AND ITS COMPARISON WITH ENVIRONMENT FRIENDLY DBD-BASED UV-LAMP	Mr. SINHA, Aditya	IPE	Poster
19	510	Effect of Bias Voltage on Microstructural and Mechanical Properties of TixN Thin Films	Mr. SINGH, Omveer	IPE	Poster

Plasma 2014 - Poster / Oral Papers
INDUSTRIAL PLASMA (IP)

20	515(I)	Antibacterial Effects of Amine-Containing Plasma Thin Films Containing Metallic Nanoparticles	Chih-Hao Lin and Meng-Jiy Wang	IPE	Poster
21	519(I)	Development Of The Plasma Electron Spectroscopy Method For Gas Analysis	A. Kudryavtsev	IPE	Poster
22	528 (I)	Effect of various plasma treatments on the dielectric properties of SnO ₂ nano Semiconductor	Akhil Chandran M.K, Vladimir Srdic, Gregor Filipi , and Goran Stojanovi	IPE	Poster

POSTER 22

ORAL 0