

Workshop

“Plasma for Environmental Issues”

Thursday, July 2 (13.30 H – 15.35)

Hall 7

Chair: Elena Tatarova

(13.30 H – 13.55 H)

Dolores Calzada, Universidad de Córdoba, Córdoba, Spain, *Environmental Applications of Surface Wave Discharges.*

(13.55 H – 14.20 H)

Jayr de Amorim, Centro de Ciência e Tecnologia do Bioetanol, São Paulo, Brasil, *Atmospheric Pressure Plasmas for Processing Sugarcane Cellulose.*

(14.20 H – 14.45 H)

Jonathan Phillips, Los Alamos National Lab, Los Alamos NM, USA, *Complex Nano-Particle Architectures Created Using the Aerosol-Through-Plasma Technique.*

(14.45 H – 15.10 H)

Ivan Ganachev, Shibaura Mechatronics Corporation, Yokohama, Japan, *High-absorbing microwave plasmas with low ignition threshold.*

(15.10 H – 15.35 H)

Frantisek Krěma, Brno University of Technology, Brno, Czech Republic, *RF Pulsed Discharge for the Metallic Corrosion Removal.*

Friday, July 3 (13.30 H – 15.30)

Hall 7

Chair: Vasco Guerra

(13.30 H – 13.55 H)

Duarte Borba, EFDA CSU Garching, Germany, *Nuclear Fusion, a limitless environmentally responsible source of energy.*

(13.55 H – 14.20 H)

André Ricard, University Paul Sabatier, Toulouse, France, *Nitrogen afterglows for biology and medicine: applications to bacteria sterilization and blood coagulation.*

(14.20 H – 14.45 H)

Boris Gordiets, Lebedev Physical Institute of the Russian Academy of Sciences, Moscow, Russia, *Microwave Air Plasma Torch.*

(14.45 H – 15.10 H)

Zoran Petrović, Institute of Physics, University of Belgrade, Belgrade, Serbia, *Volt-Ampere Characteristics and Regimes of operation of Hollow Cathode Discharges.*