

PROGRAMME

Saturday (January 15, 2005)

Afternoon session

Chairman: P. Lukáč

14:00	<i>Registration</i>
17:00	<i>Opening by representatives of the organizing committees</i>
17:10	E. Illenberger: Electron Driven Processes. Fundamentals and Applications
17:55	P. Scheier: Dissociative Electron Attachment to Biologically Relevant Molecules
18:40	<i>Welcome party + Dinner</i>

Sunday (January 16, 2005)

Morning session

Chairman: P. Abraha

8:00	S. Samukawa: High-Performance and Damage-Free Plasma Etchings for Advanced ULSI Devices
8:45	L. Bárdoš: Hollow Cathode Based Plasma Sources and Applications

Afternoon session

Chairman: I. Szamrej

16:30	P. Lukeš: Chemical Processes Induced in Hybrid Gas-Liquid Electrical Discharge Reactors
16:55	N. Asfandiarov: Temperature Dependence of Mean Autodetachment Lifetime of P-Benzoquinone ...
17:20	A.D. Pajdarová: Time-Resolved Langmuir Probe Diagnostics in High-Power Pulsed DC Magnetron ...
17:45	Z. Stará: Degradation of Organic Dyes versus H ₂ O ₂ Generation during the DC Diaphragm Discharge ...
18:10	<i>Dinner</i>
19:30	N.J. Mason: Collaborative Research in Plasma Science the European dimension
19:55	M. Magureanu: Dielectric Barrier Discharge for VOC Abatement
20:20	L. Feketeová: Surface-Induced Dissociation and Fragmentation of Toluene Dications upon Impact with...
20:45	D. Field: Cold Electrons in Plasmas and Molecular Interactions

Monday (January 17, 2005)

Morning session

Chairman: J. Mizeraczyk

8:00	M. Tichý: Low Pressure and Atmospheric Pressure Plasma-Jet Systems and Their Application for ...
8:45	T. Makabe: A Self-Consistent Modelling of Feature Profile in Plasma Etching and Deposition

Afternoon session

Chairman: J. Pavlík

16:30	H.H. Kim: Application of Plasma Driven Catalysis for the Low Temperature Decomposition of VOC
16:55	F. Krčma: Pink Afterglow in Nitrogen-Hydrocarbon Mixtures
17:20	M. Černák: Low-Cost Plasma Activation and Chitosan Grafting of Polypropylene and Poly-Lactic-Acid ...
17:45	A. Azioune: RF Plasma Polymerisation of Hexametyldisilazene: Application to Protection of Aluminium
18:10	<i>Dinner</i>
19:30	Poster session I

Tuesday (January 18, 2005)

Morning session

Chairman: D. Field

8:00	J.P. Booth: Diagnostics of Dual-Frequency Capacitive Discharge
8:45	K. Tachibana: Diagnostics and Control of Micro and High-Pressure Discharges

Afternoon session

Chairman: R. Stempok

16:30	H. Wagner: Cross-Correlation Spectroscopy Applied Diagnostics of Barrier Discharges
17:15	A. Plecenik: Titanium Thin Film Nanostructures for Cryoelectronic Applications
17:40	J. Mizeraczyk: Optimum NO ₂ /NO _x Ratio for Efficient Selective Catalytic Reduction
19:00	<i>Conference dinner</i>

Wednesday (January 19, 2005)

Morning session

Chairman: J. Horáček

8:00	B. Graham: Laser/Based Characterization of Molecular Gas Plasmas
8:45	M. Dors: Non-Thermal Plasma Reactors with Surface Reactions

Afternoon session

Chairman: N. Braithwaite

16:30	O. Petrov: Shear Viscosity of Gas Discharge Dusty Plasma
16:55	D. Trunec: Atmospheric Pressure Glow Discharges and Their Applications
17:20	S. Feil: Electron Impact Ionisation and Dissociation of Small Hydrocarbon Molecules
17:45	R. Schuster: Rubber Surface Modification by Atmospheric Pressure Plasma
18:10	<i>Dinner</i>
19:30	Poster session II

Thursday (January 20, 2005)

Morning session

Chairman: N.J. Mason

8:00	M. Tabrizchi: New Applications of Ion Mobility Spectrometry
8:45	M. Mikula: Atmospheric Plasma Treatment of Permeation Barrier Layers on Flexible Foils and Paper
9:30	<i>Closing meeting</i>
11:00	<i>Lunch</i>