

## **SYMPOSIUM PROGRAM**

**August 31, 2008 (Sunday)**

<b>10.00 - 16.30</b>	<b>REGISTRATION AT THE HOTEL AND DORMITORY</b>
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<b>17.00</b>	<b>WELCOME RECEPTION AND REGISTRATION</b>
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**September 1, 2008 (Monday)**

<b>9.00 – 9.10</b>	<b>SYMPOSIUM OPENING CEREMONY</b>
<b>SYMPOSIUM GENERAL SESSION</b>	
<b>9.15 – 10.00</b>	Invited lecture - J. Janča <i>Plasma chemistry in Central Europe (in Czech Republic and at MU Brno) The past - the present - the future.</i>
<b>10.00 – 10.45</b>	Invited lecture – K. D. Weltmann <i>Atmospheric pressure plasmas for biomedical applications</i>
<b>10.45 – 11.10</b>	Oral lecture – Michal Šíma <i>New trends in PVD coatings preparation</i>
<b>11.10 – 11.45</b>	<b>COFFEE BREAK</b>
<b>SYMPOSIUM SESSION II</b>	
<b>11.45 – 12.10</b>	Oral lecture – E. Reszke <i>Microwave plasma cavities – Design and applications</i>
<b>12.10 – 12.35</b>	Oral lecture – V. Kudrle <i>High power pulsed microwave discharge – experiment and theory</i>
<b>12.35 – 13.00</b>	Oral lecture – V. Guerra <i>On the influence of interactions between physisorbed atoms in heterogeneous atomic recombination</i>
<b>13.00 – 15.00</b>	<b>LUNCH</b>
<b>15.00 – 15.45</b>	Invited lecture – J. Paillol <i>Modelling of plasmachemical processes</i>
<b>15.45 – 16.30</b>	Invited lecture – A. Záhoranová <i>Low-cost high-speed permanent hydrophilization and surface activation of nonwovens using atmospheric-pressure plasma machine</i>
<b>16.30 – 17.00</b>	<b>COFFEE BREAK</b>
<b>17.00 – 19.00</b>	<b>POSTER SESSIONS I</b>
<b>19.00</b>	<b>DINNER</b>

**September 2, 2008 (Tuesday)**

<b>8.00 – 22.00</b>	<b>CONFERENCE TRIP AND CONFERENCE DINNER</b>
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September 3, 2008 (Wednesday)

<b>SYMPOSIUM SESSION III</b>	
9.00 – 9.45	Invited lecture – H. Kersten <i>Non-conventional diagnostic methods for plasma processing</i>
9.45 – 10.30	Invited lecture – P. Lukeš <i>Electrical discharges for water treatment applications</i>
10.30 – 11.00	<b>COFFEE BREAK</b>
<b>SYMPOSIUM SESSION IV</b>	
11.00 – 11.45	Invited lecture – I. Maximov <i>Some Results of the Investigations of the Plasma-solution Systems</i>
11.45 – 12.30	Invited lecture – J. Mizeraczyk <i>Hydrogen production using microwave plasma reforming of methane</i>
12.30 – 14.30	<b>LUNCH</b>
<b>SYMPOSIUM SESSION V</b>	
14.30 – 15.15	Invited lecture – N. Puač <i>Diagnostics of the properties of the plasma needle</i>
15.15. – 15.40	Oral lecture – A. I. Emel'yanov <i>Environmentally friendly method of water decontamination</i>
15.40 – 16.05	Oral lecture – M. Hrabovský <i>Plasma gasification of waste organics and biomass</i>
16.05 – 16.35	<b>COFFEE BREAK</b>
16.35 – 18.35	<b>POSTER SESSIONS II</b>
19.00	<b>DINNER</b>

September 4, 2006 (Thursday)

<b>SYMPOSIUM VI</b>	
9.00 - 9.25	Oral lecture - L. Bónová <i>Modification of Aluminium Surfaces using Atmospheric-pressure and low-pressure plasma</i>
9.25 - 9.50	Oral lecture - E.M. Peña-Méndez <i>TOF MS diagnostics of laser produced plasma – towards the properties of nano materials and biomolecules</i>
9.50 - 10.15	Oral lecture - M. Stano <i>Investigation of negative corona discharge in N<sub>2</sub> O<sub>2</sub> mixture using ion mobility spectrometry</i>
10.15	<b>CLOSING CEREMONY</b>
12.00	<b>DEADLINE FOR CONTRIBUTIONS TO CHEMICKE LISTY</b>
12.00 – 14.00	<b>LUNCH</b>