

Monday, 25 September

9 ⁰⁰ – 9 ³⁰	Opening Ceremony				
9 ³⁰ – 10 ⁵⁵	Advanced Plasma Technology of Low-Temperature Material Processing	M. Nagatsu	Invited Lecture	Topic 7	Chairman: M. Kando D. Luca
	Development of a novel Imaging System for capturing and reproducing images with accurate colors	Yoshifumi Shimodaira, Tahseen Ejaz, and Gosuke Ohashi	Oral	Topic 6	
	A High-speed, High-sensitivity Digital CMOS Image Sensor with an electronic shutter	Masanori Furuta, Shoji Kawahito	Oral	Topic 5	
10 ⁵⁵ – 11 ¹⁵	Coffee Break				
11 ¹⁵ – 12 ⁴⁰	Developing Novel Sputtering Sources: A Hollow-Cathode Discharge-Based Configuration	D. Luca, D. Alexandroaei, R. Apetrei, V. Anita, G. Popa P. C. Balan, Codrina Ionita, Roman Schrittwieser	Invited Lecture	Topic 7	Chairman: G. Popa R. Jabłoński
	Effect of photon absorption in Si single-electron devices	M. Tabe, R. Nuryadi, Z. A. Burhanudin and Y. Ishikawa	Oral	Topic 5	
	β -Gallium Oxide as Oxygen Gas Sensors at High Temperature	Marilena Bartic, Cristian-Ioan Baban, Hisao Suzuki, Masami Ogita, Masaaki Isai	Oral	Topic 5	
13 ⁰⁰ – 15 ⁰⁰	Lunch				
15 ⁰⁰ – 16 ²⁵	Aerosol and solid particles identification in flowing medium	Adam Domański, Ryszard Jabłoński	Invited Lecture	Topic 1	Chairman: M. Nagatsu G.Musa
	Joint research on polymer degradation between “P. Poni” Institute of Macromolecular Chemistry Iasi, Romania, and Okayama University, Okayama, Japan	Mihai Brebu, Cornelia Vasile, Yusaku Sakata, Md. Azhar Uddin, Thallada Bhaskar	Oral/	Topic 3	
	Measurement of Axial Force Applied to Tightening Bolt by using Mechanoluminescence from ZnS:Mn Films	Kenji Murakami, Takayuki Sato, Yoshikazu Anma	Oral	Topic 2	
16 ²⁵ – 16 ⁴⁵	Coffee Break				
16 ⁴⁵ – 18 ¹⁰	Extension of Thermionic Vacuum Arc (TVA) technology from metals processing to gaseous plasmas	G.Musa, C Surdu Bob, C.P.Lungu, V.Ciupina, R.Vladoiu	Invited Lecture	Topic 7	Chairman: O.M. Demidenko N. Dumitrascu
	X-ray imager for high-energy flux	Okazaki Masashi, Takuya Nakashima, Hisashi Morii, Gosuke Ohashi, Toru Aoki	Oral	Topic 1	
	Multifunctional Double Layer Emerged by Self-organization	Liliana - Mihaela Ivan, M. Sanduloviciu	Oral	Topic 4	
19 ⁰⁰ – 21 ³⁰	Concert and Welcome Party				

Tuesday, 26 September

9 ⁰⁰ – 10 ²⁵	Development of CdTe Spectrometer for X-ray fluorescence	Yasuyuki Takahashi, Hisashi Morii, Toru Aoki, Yoichiro Neo, Hidenori Mimura	Invited Lecture	Topic 1	Chairman: B. Simionescu M. Ogita
	Field emitter type CdTe radiation detector	Takuya Sakata, Yoshiaki Ikeda, Kazufumi Shiozawa, Yoichiro Neo, Hisashi Morii, Toru Aoki, Hidenori Mimura	Oral	Topic 1	
	Two-dimensional CdTe photon counting X-ray imager	Toru Aoki, Hisashi Morii, Gosuke Ohashi, Yasuhiro Tomita, Yoshinori Hatamaka	Oral	Topic 1	
10 ²⁵ – 10 ⁴⁵	Coffee Break				
10 ⁴⁵ – 12 ¹⁰	Nanostructured Materials based on Poly[(N-acylimino)ethylene]s. Synthesis/design, properties and applications	Bogdan C. Simionescu, Geta David	Invited Lecture	Topic 2	Chairman: R. Lütticke D. Alexandroaie
	Joint research on wood chemistry and morphology between “P. Poni” Institute of Macromolecular Chemistry Iasi and Okayama University	Carmen-Mihaela Popescu, Cornelia Vasile, Yusaku Sakata, Akiohshi Osaka	Oral	Topic 2	
	Effect of the methanol crossover on the DMFC performance	H.Minakuchi, Y.Okano, K.Furukawa, Y.Muramatsu, S.Adachi, and S.Dost	Oral	Topic 2	
12 ³⁰ – 14 ³⁰	Lunch				
14 ³⁰ – 16 ⁰⁰	Further education in plasma engineering	Rainer Lütticke, Albrecht Brockhaus, Jürgen Engemann	Invited Lecture	Topic 6	Chairman: M. Toma T. Aoki
	Educational networks of Republic of Belarus	O.M. Demidenko	Invited Lecture	Topic 6	
16 ⁰⁰ – 16 ²⁰	Coffee Break				
16 ²⁰ – 19 ⁰⁰	Poster Sessions and Meeting of DENSO representatives with UAIC specialists			Topics 1, 3, 5, 6	
19 ³⁰ – 20 ³⁰	Diner				

Wednesday, 27 September

9 ⁰⁰ – 10 ³⁰	Emission Characteristics and Applications of Field Emitters	H. Mimura, Y. Neo, and T. Aoki	Invited Lecture	Topic 5	Chairman:
	Hysteresis in Iron (II) Spin Transition Compounds	Cristian Enachescu, Radu Tanasa, Alexandru Stancu, Jorge Linares, Francois Varret	Invited Lecture	Topic 1	M. Kando G. Popa
10 ³⁰ – 10 ⁵⁰	Coffee Break				
10 ⁵⁰ – 11 ⁵⁰	Poster Sessions			Topics 2, 4, 7	
12 ⁰⁰ – 14 ⁰⁰	Lunch				
14 ³⁰ – 18 ³⁰	Town Visiting (including Botanical Garden and “P. Poni” Institute of Macromolecular Chemistry)				
19 ⁰⁰ – 21 ³⁰	Banquet				

Thursday, 28 September

Excursion

Friday, 29 September

Departure

TOPICS

1. Modelling, Design, Diagnostics, Measurement, and Control in Engineering Technologies, Fabrication Processes
2. Synthesis, Characterization and Technologies of Chemical Materials
3. Polymer Electronics
4. Biomedical Engineering
5. Semiconductor Physics (Device Physics and Sensors)
6. Automatic Control (Automatics, Informatics, Signal Transmission, and Robotics)
7. Fundamentals and Applications of Technical Plasmas