

Poster No.	Presenting Author (Affiliation, Country)	Title of Paper
1. Diagnostics of gas-phase plasmas		
P01	Norimitsu Takamura (Kumamoto University, Japan)	Propagation Difference of Atmospheric-pressure Helium Plasma jets Using Different Dielectric Materials
P02	Satomi Tajima (Nagoya University, Japan)	The Effect of Neutral Species on Modification of the A549 and Saos-2 Growth and Proliferation
P03	Hiroto Matsuura (Osaka Prefecture University, Japan)	The Effect of Active Radical Production on the Plasma Degradation of Phorbol Esters in Bio-diesel Fuel industry
P04	Helena Tresp (Centre for Innovation Competence plasmatis at Leibniz Institute for Plasma Science and Technology (INP Greifswald e.V.), Germany)	Plasma Jet (V)UV-Radiation Impact on Biorelevant Liquids and Cell Suspension
P05	Andreas Helmke (Fraunhofer Application Center for Plasma and Photonic, Germany)	Ozone concentrations in the plasma volume and the surrounding of a plasmamedical dielectric barrier discharge source operated in ambient air
2. Modeling and simulation of gas-phase plasmas		
P06	Wouter Van Gaens (University of Antwerp, Belgium)	Influence of H ₂ O impurities on RONS generation in a plasma jet.
P07	Nozomi Takeuchi (Tokyo Institute of Technology, Japan)	Numerical Simulation of Mass Transfer of Reactive Species through Argon Pulsed Plasma-Water Interface
P08	Ansgar Schmidt-Bleker (INP Greifswald / ZIK plasmatis, Germany)	The Influence of Shielding Gas Composition on the Reactive Species Generated by an Atmospheric Pressure Plasma Jet with Gas Shielding Device
3. Diagnostics of liquid-phase systems		
P09	Jun-Seok Oh (Kochi University of Technology, Japan)	UV absorption spectroscopy for reactive species in plasma treated aqueous solutions
P10	Atsushi Tani (Osaka University, Japan)	Diagnostic of reactive oxygen species (ROS) induced in water by atmospheric pressure plasma
4. Modeling and simulation of liquid-phase systems		
P11	Kazumasa Ikuse (Osaka University, Japan)	Effects of Fenton reactions to generate ROS in water exposed to an atmospheric-pressure plasma

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5. Diagnostics of biological systems		
P12	Hiromasa Tanaka (Nagoya University, Japan)	Diagnostics of intracellular signaling systems of glioblastoma brain tumor cells treated with plasma-activated medium
P13	Hiroshi Hashizume (Nagoya University, Japan)	Quantitative evaluation of the inactivation process of <i>P. digitatum</i> spores on the basis of dose of ground-state atomic oxygen
P14	Hiroaki Kawano (Tokyo Institute of Technology, Japan)	Contribution of Active Species to Sterilization Effect
P15	Tomohiro Kobayashi (Tokyo Institute of Technology, Japan)	Influence of plasma gas species on bacterial inactivation by plasma-bubbling
6. Modeling and simulation of biological systems		
P16	Kohei Umeda (Kumamoto University, Japan)	Difference of Cell Death Ratio between using Atmospheric-pressure Dry- and Mist- Plasma Jets
P17	Christof Verlackt (University of Antwerp, Belgium)	Atomic scale simulations of plasma interactions with the bacterial membrane and biofilm
P18	Taichi Miura (Soka University, Japan)	Effects of Low-Temperature Atmospheric-Pressure Plasma Irradiation on the Differentiation of Mouse Embryonic Stem Cells
7. Others		
P19	Kazunori Koga (Kyushu University, Japan)	Effects of non-thermal air plasma irradiation to plant seeds on glucose concentration of plants
P20	Nobuya Hayashi (Kyushu University, Japan)	Measurement of Antioxidative Activity And Detection of Differentially Expressed Genes of Plant Induced by Oxygen Plasma Irradiation
P21	Shunsuke Yoshizawa (University of Tsukuba, Japan)	Biochemical Modification of Plasma Treated Amino Acid and Protein in Liquid
P22	Gai Ohashi (University of Tsukuba, Japan)	Protease resistance of amyloid- β after plasma induced chemical reaction in liquid
P23	Masato Kiuchi (National Institute of Advanced Industrial Science and Technology (AIST), Japan)	Reduction of PM2.5 by Air Activation Apparatus Using Corona Discharge and UV Lamp
P24	Tomoko Ito (Osaka University, Japan)	Mass spectrometry of ions formed in atmospheric-pressure plasma jets
P25	Kensaku Goto (Osaka University, Japan)	Generation of reactive species in water exposed to low-temperature atmospheric-pressure plasma jets
P26	Dai Itsuki (Osaka University, Japan)	Modification of hydroxyapatite and polystyrene surface for cell culture by low-pressure plasmas