

# A-5 Atmospheric Pressure plasma

## **Representative Organizer**

Tomohiro NOZAKI (Tokyo Institute of Technology)

## **Co-organizers**

Hideaki YAMADA (National Institute of Advanced Industrial Science and Technology)

Ryuta ICHIKI (Oita University)

## Oral Session                      March 29 (Sun.)                      Room 1

Chair : Hideaki Yamada (National Institute of Advanced Industrial Science and Technology)

- 15:50 A5-I-01    **Agricultural Applications of Atmospheric-Pressure Plasma Using Pulsed Power Technology**  
[Invited Lecture]  
Koichi Takaki  
*DEPARTMENT OF ELECTRICAL ENGINEERING, IWATE UNIVERSITY*
- 16:20 A5-I-02    **Key Insights into the Chemical Reaction Kinetics of Atmospheric-Pressure Non-Thermal Plasmas** [Invited Lecture]  
Tomoyuki Murakami  
*DEPARTMENT OF ENERGY SCIENCES, TOKYO INSTITUTE OF TECHNOLOGY*
- 16:50 A5-O-01    **Surface Modification to Enhance the Biocompatibility 3-D PCL Scaffold Using the Atmospheric Plasma**  
Young-Ouk Park, Yeong-Mu Ko, Hee-Sang Roh, Young-Sun Hwang, Young-Hyoun Hwang, Byung-Hoon Kim  
*DEPARTMENT OF DENTAL MATERIALS, SCHOOL OF DENTISTRY, MRC CENTER, CHOSUN UNIVERSITY*
- 17:05 A5-O-02    **Generation of Self Organized Micro-Gap Discharge Using Sapphire Dielectric**  
Md.Anwarul Islam, Kosuke Jumonji, Sizuka Tada, Seiji Mukaigawa, Koichi Takaki  
*DEPARTMENT OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE, IWATE UNIVERSITY*
- 17:20 A5-O-03    **Stability of Fuel Cell Electrode Using Nanographene Synthesized by In-Liquid Plasma**  
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