International Symposium on Diamond Electrochemistry

Date: March 6, 2019

Venue: Raiosha, Hiyoshi Campus, Keio University

9:00 – 9:15	Opening Remarks
9:15 – 9:45	**Yasuaki Einaga** (Keio University, JAPAN) "Recent Development on Boron-Doped Diamond Electrodes"
9:45 – 10:10	**Yoshitaka Tateyama** (NIMS, JAPAN) "Theoretical Study on Redox Reactions at Boron-Doped Diamond–Water Interfaces"
10:10 – 10:35	**Francesca Celine Catalan** (Kim Group, RIKEN, JAPAN) "Localized Surface Characterization of Boron-Doped Diamond Electrode"
10:35 – 10:45	Coffee Break
10:45 – 11:15	**Carlos A. Martinez-Huitle** (Federal University of Rio Grande do Norte, BRAZIL) "Electrochemical Technologies for Wastewater Treatment: Fundamentals, Current Advances and New Trends"
11:15 – 11:35	**Genki Ogata** (Niigata University, JAPAN) "A Microsensing System for the *in vivo* Real-Time Monitoring of Local Drug Kinetics"
11:35 – 12:50	Photo & Lunch
12:50 – 14:20	**Poster Sessions**
14:20 – 14:30	Coffee Break
14:30 – 15:00	**Greg M. Swain** (Michigan State University, USA) "Fundamentals and Applications of Boron-Doped Diamond Electrodes"
15:00 – 15:20	**Takeshi Kondo** (Tokyo University of Science, JAPAN) "Electrochemical Application of Boron-Doped Diamond Powder"

15:20 – 15:40 **Hiroshi Kobayakawa** (HORIBA Advanced Techno, Co., Ltd., JAPAN)

"Development of Residual Chlorine Monitor Using Boron-Doped Diamond Electrode"

15:40 – 15:50 Coffee Break

15:50 – 16:10 **Yasufumi Takahashi** (Kanazawa University, JAPAN)

"Nanoscale Electrochemical Reactivity Imaging on Boron-Doped Diamond Using Scanning Electrochemical Cell Microscopy"

16:10 – 16:30 **Masashi Nakamura** (Chiba University, JAPAN)

"Infrared Spectroscopy of Boron-Doped Diamond Electrode During Electrochemical Oxidation"

16:30 – 16:45 **Tribidasari A. Ivandini** (University of Indonesia, INDONESIA)

"Electrochemical Sensors Based on Metal-Modified Boron-Doped Diamond Electrode"

16:45 – 16:55 Coffee Break

16:55 – 17:25 **Siegfried R. Waldvogel** (Johannes Gutenberg University Mainz, GERMANY)

"Electrifying Organic Synthesis– Boron-Doped Diamond the Key to Go Beyond Contemporary Limits"

17:25 – 17:40 **Takashi Yamamoto** (Keio University, JAPAN)

"Electrosynthesis Using Boron-Doped Diamond"

17:40 – 18:05 **Tsuyoshi Saitoh** (University of Tsukuba, JAPAN)

"Cathodic Reduction on Boron-Doped Diamond Electrode"

18:05 – 18:15 Closing Remarks