Satellite Workshop of XXXIV International Conference on Phenomena in Ionized Gases (XXXIV ICPIG) & 10th International Conference on Reactive Plasmas (ICRP-10)

International Workshop on Diagnostics of Atmospheric-Pressure Plasmas



Sapporo Education and Culture Hall, Sapporo, Hokkaido, Japan

July 14, 2019

International workshop on diagnostics of atmospheric-pressure plasmas

| 13:40 - 13:45 | Welcome Address, <i>Ryo Ono</i> , The University of Tokyo, Japan |
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| Chair: Stephan Reuter | |
| 13:45 - 14:15 | Joao Santos Sousa, University of Paris-Saclay, Orsay, France "Measurement on atmospheric-pressure plasmas of electron properties by Thomson scattering and of reactive species by optical emission and absorption spectroscopy" |
| 14:15 - 14:45 | Timo Gans , University of York, York, UK "Plasma dynamics and chemical kinetics in atmospheric pressure plasmas – a diagnostics challenge" |
| 14:45 - 15:15 | Ana Sobota , Eindhoven University of Technology, Eindhoven, Netherlands "Plasma-surface interaction: Pockels-based Mueller polarimetry" |
| 15:15 - 15:45 | Christophe Laux, CentraleSupélec, Gif-sur-Yvette, France "Optical diagnostics for the characterization of atmospheric pressure air plasmas" |
| 15:45 - 16:15 | Nader Sadeghi , University of Grenoble & CNRS, France "The study of helium and argon metastable atoms and molecules in atmospheric pressure plasmas, monitored by broadband absorption spectroscopy" |
| Coffee Break (15 min) | |
| Chair: Timo Gans | |
| 16:30 - 17:00 | Eric Robert , University of Orleans, Orleans, France "On the use of complementary diagnostics for plasma jet delivery on targets relevant for biomedical applications" |
| 17:00 - 17:30 | Giorgio Dilecce , CNR-Institute of Nanotechnology, Lecce, Italy "LIF in a collisional environment: a molecular probe for rapidly changing media |
| 17:30 - 18:00 | Stephan Reuter , Lublin Technical University, Lublin, Poland "Ultrafast laser diagnostics on atmospheric pressure plasma jets" |
| 18:00 - 18:30 | Yuki Inada, Saitama University, Saitama, Japan "Two-dimensional electron density measurement of streamer discharge in atmospheric-pressure air" |
| 18:30 - 18:35 | Concluding Remarks, <i>Ryo Ono</i> , The University of Tokyo, Japan |
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Reception at the same building (details will be provided)

19:00

Information

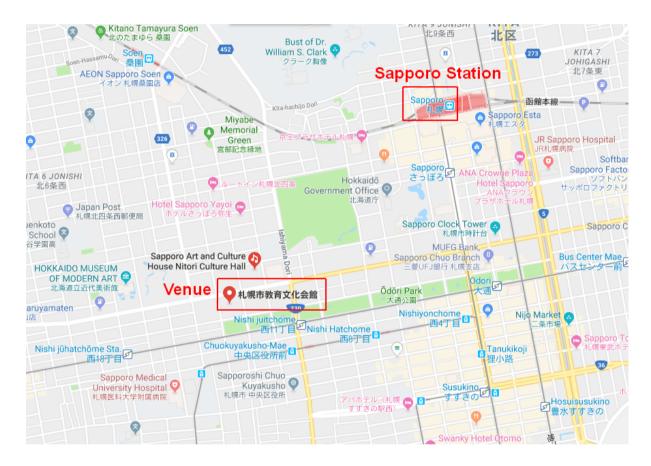
Registration: Included in ICPIG/ICRP registration fee

Presentation: Invitation-only

Venue: Sapporo Education and Culture Hall, Sapporo, Hokkaido, Japan

http://www.kyobun.org/foreign/english.html

Access: http://icpig2019.qe.eng.hokudai.ac.jp/venue.html



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