

Joint lecture meeting

Tokushima University – Osaka Prefecture University College of Technology

徳島大学-大阪府立大学工業高等専門学校 合同講演会 (英語)

1. 日時:2019年9月6日(金) 13:30~18:00
2. 講演場所:機械棟3F 310会議室
3. 主催: 研究クラスター
「工業応用展開を可能とする最先端レーザ応用計測技術/装置の開発」
4. 講演会スケジュール
 - 13:30-13:35 Opening Address(Prof. Yoshihiro Deguchi)
 - 13:35-13:45 Prof. Kimihiko Sugiura (OPUCT)
Introduction of Sugiura Laboratory
 - 13:45-14:00 Takumi Otani
Enhancement of Performance of Selective Facilitated Transport Membranes
 - 14:00-14:15 Daichi Takahara
Development of High Functional Direct Carbon Fuel Cell
 - 14:15-14:30 Yuki Takeuchi
Elucidation of Degradation Factor Distribution by the improved diagnostics
 - 14:30-14:45 Kota Morioka
Evaluation of cell performance of MEA for PEFC using inkjet coating printer
 - 14:45-15:00 Yuka Yanagisawa
Development of Self-Management Water Separator for PEFC
 - 15:00-15:15 Shuya Kawaoka
Preparation and Characterization of Silica-Fiber / Aerogel Composite Heat Insulations
 - 15:15-15:30 Arata Yoneshima
Study on Recyclability of Graphite Cutting Chips as Conductive Fillers

 - 15:30-15:45 Coffee

 - 15:45-15:55 Prof. Yoshihiro Deguchi (TU)
Introduction of Laser & Plasma Laboratory
 - 15:55-16:10 Nannan Dang (D1)
Bifurcation analysis of combustion instability in av Rijke type burner.
 - 16:10-16:25 Quiming Wang (D2)
Development of hydrocarbon measurement using tunable diode laser absorption spectroscopy.



16:25-16:40 Kazuma Tsujimoto (M2)

Development of measurement technology of temperature and multi-component concentration of heating furnace

16:40-16:55 Ryo Furukawa (M2)

Development of remote Laser induced breakdown spectroscopy for the steel material measurement

16:55-17:10 Seiya Tanaka (M2)

Study on real-time measurement by long-short double pulse LIBS for steel materials

17:10-17:20 Coffee

17:20-17:55 Lab. Tour

17:55-18:00 Closing Address (Prof. Kimihiko Sugiura)

以上