

九州大学エネルギー研究教育機構 (Q-PIT)

<日時> 2019年 1月29日 (火曜日) 9:00-12:30
 <場所> 九州大学伊都キャンパス 稲盛財団記念館1階 稲盛ホール
 <言語> 英語
 <テーマ> 「Q-PIT Workshop: Sheffield Kyushu Workshop on Electrochemical Energy Conversion」

<プログラム及び講演者>

時間	プログラム・講演者
9:00-9:05	Opening Remarks
9:05-9:20	●Hydrogen Research Activities at Kyushu University Kazunari Sasaki (Senior Vice President, Kyushu University, Japan)
9:20-9:40	●Invited Lecture: Energy 2050 at the University of Sheffield Kevin Hughes (Energy 2050, University of Sheffield, UK)
9:40-10:00	●Project Overview: Platinum-free Electrocatalysts for PEFCs Stephen Lyth (Associate Professor, Q-PIT, Kyushu University, Japan)
10:00-10:20	●Invited Lecture: Multiphysics Simulations of PEFC Systems Mohammed Ismail (Research Associate, Energy 2050, University of Sheffield, UK)
10:20-10:40	●Microporous Layers in PEFCs: Combining Experiment with Theory Hironori Nakajima (Department of Mechanical Engineering, Kyushu University)
10:40-11:00	Coffee Break
11:00-11:20	●Invited Lecture: Functionalized Electroactive Carbons from Predesigned Polymer Frameworks Jet Sing Lee (Institute for Integrated Cell-Material Sciences (WPI-iCeMS), Kyoto University, Japan)
11:20-11:40	●Improved Pt Utilization in PEFCs by Polymer Coating of Nanocarbons Tsuyohiko Fujigaya (Department of Applied Chemistry, Kyushu University)
11:40-12:00	●Invited Lecture: Multi-scale Modelling of Electrochemical Systems Lin Ma (Professor, Energy 2050, University of Sheffield, UK)
12:00-12:20	●DFT Simulations of Electrochemical Systems Aleksandar Staykov (I2CNER, Kyushu University)
12:20-12:30	Closing Comments Stephen Lyth / Mohammed Ismail