

9:30am-5:50pm, Tuesday, January 31, 2017

Seminar Room, CE41, Ito Campus, Kyushu University

Sponsored by Institute of Materials Chemistry and Engineering (IMCE), Kyushu University and Progress 100 Project, Kyushu University

Co-sponsored by Research Core on Creation of Functional Polymeric Materials, Kyushu University, Photon and Quantum Basic Research Coordinated Development Program by MEXT

9:30-9:50

Local Viscoelastic Function Analysis of Polypropylene Film Based on Dynamic X-ray Diffraction Technique  
Ken Kojio, Kyushu University

9:50-10:35

Tensile True Stress-Strain Curve and Essential Work of Fracture Characterization of Polymeric Films  
Hung-Jue Sue, Texas A&M University

<Break>

10:45-11:30

Fabrication of Functional Polymer Nanocomposites and Exploring Their Applications  
Yongsok Seo, Seoul National University  
(Professor of Progress 100 Project, Kyushu University)

11:30-12:10

Toughening Mechanism of Dynamically Cross-linked Polymeric Materials  
Koichi Mayumi, The University of Tokyo

<Lunch>

1:30~2:20

Living Anionic Polymerization of Novel Hydrocarbon Monomers  
Takashi Ishizone, Tokyo Institute of Technology

2:20~2:40

Preparation of Novel Polymer Brush Using Surface Initiated Living Anionic Polymerization  
Tomoyasu Hirai, Kyushu University

2:40~3:30

Preparation of Various Kinds of Functional Polymers via Controlled Radical Polymerization  
Shinichi Yusa, University of Hyogo

<Break>

3:50~4:40

Comprehensive Understanding of Material Properties of Perfluoroalkyl Compounds on a Primary Chemical Structure  
Takeshi Hasegawa, Kyoto University

4:40~5:00

Exciton Dynamics in Thin Films of Semiconducting Polymers by Ultrafast Spectroscopy  
Daisuke Kawaguchi, Kyushu University

5:00~5:50

Hydrogen Bond Structure of Interfacial Water Revealed by Synchrotron Soft X-ray Spectroscopy  
Yoshihisa Harada, The University of Tokyo

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