

**【第20回表面力セミナー】**  
**6th International Mini-symposium on Surface Forces**

Date : Feb. 14 (Fri.), 2020

Venue : Meeting Room (1F), South Multidisciplinary Research Laboratory 2,  
Institute of Multidisciplinary Research for Advanced Materials (IMRAM),  
Katahira Campus, Tohoku University

– Program –

- 13:00 Opening Remarks Kazue Kurihara (NICHe, Tohoku University)
- 13:10 Francoise M. Winnik (Department of Chemistry, University of Helsinki)  
“Amphiphilic Polymers in Water”
- 14:00 Jun Nakanishi (National Institute for Materials Science (NIMS))  
“Cellular Adhesion Behaviors at Dynamic Interfaces”
- 14:40 Yutaka Takahashi (NICHe, Tohoku University)  
“Structure of Concentrated Polymer Brushes under Applied Load and Shear”
- 15:05 – Coffee Break 15 min –
- 15:20 Kana Tsumura (Kao Corporation)  
“Sustainable Bio-based Anionic Surfactant Contributing to Global Sustainability”
- 16:00 Sho Fujii (Department of Chemistry, Hokkaido University)  
“Laser-Induced Microbubbles Applied to Chemical Reactions”
- 16:30 Phan Thi Nhu Quynh (NICHe, Tohoku University)  
“Mechanism of Tribo-Chemical Formation of MoS<sub>2</sub> on Fe Film from MoDTC”
- 16:55 Motohiro Kasuya (IMRAM, Tohoku University)  
“Evaluation of Interfacial pH Using Surface Forces Apparatus Fluorescence Spectroscopy”
- 18:00 Banquet (Restaurant Hagi)

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