

Next Generation Nanodevices and Polymeric Materials

Sep. 10th, 2023

Room I

Chaired by Takehiko Wada (Tohoku Univ.), Nobukatsu Nemoto (Nihon Univ.), Atsushi Kobayashi (Nihon Univ.)
and Daisuke Takeuchi (Hirosaki Univ.)

Sep. 10th (Sun.)

10:00 – 10:45 Chaired by Takehiko Wada (Tohoku University)

10I6 ○Hiroshi Jinnai (Tohoku University, Japan)
“Nanoscale Structural Analysis of Polymer Crystals Using Advanced Electron Microscopy”

10:45 – 11:15 Chaired by Daisuke Takeuchi (Hirosaki University)

10I2 ○Jun Matsui (Yamagata University, Japan)
“Self-assembled structure formation in homo and random copolymers films by
nanophase separation”

11:15 – 12:00 Chaired by Takehiko Wada (Tohoku University)

10I3 ○Kazushi Kinbara (Tokyo Institute of Technology, Japan)
“Development of Multi-Functional Synthetic Ion-Channels”

14:45 – 15:30 Chaired by Takehiko Wada (Tohoku University)

10I4 ○Kazunari Akiyoshi (Kyoto University, Japan)
“Self-assembled nanomaterials of carbohydrate-based polymers for biomedical
application”

15:30 – 16:00 Chaired by Daisuke Takeuchi (Hirosaki University)

10I5 ○Akito Masuhara, Ryota Sato, Naoaki Oshita (Yamagata University, Japan)
“Controlling and Maintaining Emission Wavelength in Perovskite Quantum Dots:
A Pathway towards Efficient Photonic Devices”

16:00 – 16:45 Chaired by Takehiko Wada (Tohoku University)

10I1 ○Reiko Oda, Peizhao Liu, Zakaria Anfar, Piyanan Pranee, Yutaka Okazaki, Yann Battie,
Emilie Pouget, Sylvain Nlate, Takashi Sagawa
(Université de Bordeaux / Tohoku University / Kyoto University
/ Université de Lorraine, Japan)
“Chiral Nanocrystals Growth Inside Helical Hollow Silica Nanoribbons enantioselective
recognition”