



2022 KIPS International Symposium:
Monash University-Kyoto University Joint Symposium on Polymer Science

Online, October 28th (Fri)



Zoom URL	2022 KIPS International Symposium in Kyoto October 28 th 08:30 AM https://kyoto-u-edu.zoom.us/j/84798515991 Passcode is distributed by e-mail.	13:10 ~ 13:30 13:30 ~ 13:50 13:50 ~ 14:20	Kei Saito Green polymers: Photodegradable polymers to lignin based polymers Kenji Urayama Nonlinear mechanics of polymer soft solids Timothy Scott TBA
9:00	Opening: Makoto Ouchi		Break
9:05 ~ 9:25	Keiji Numata Molecular design of structural protein material inspired by spider silk's spinning mechanism and sequences	14:35 ~ 14:55	Kazunori Sugiyasu Living supramolecular polymerization as a tool for the syntheses of mesoscopic structures
9:25 ~ 9:45	Yasuhiko Tabata Big role of biomaterials technology in regenerative medicine and stem cell research	14:55 ~ 15:15	Shigeru Yamago Understanding and predicting monomer reactivity ratios in radical copolymerization using machine learning
9:45 ~ 10:15	Neil R. Cameron Porous polymers as scaffolds for tissue engineering and 3D cell culture	15:15 ~ 15:45	Tanja Junkers TBA
	Break		Break
10:30 ~ 10:50	Kazuo Tanaka A new strategy for developing solid-state NIR-emissive polymers based on aza-substitution at the isolated LUMO position	16:05 ~ 16:25	Makoto Ouchi Sequence-controlled polymers composed of commodity monomer units
10:50 ~ 11:10	Hideo Ohkita Open-circuit voltage in polymer solar cells improved by manipulating CT state	16:25 ~ 16:45	Kazunari Akiyoshi Self-assembled nanogels and nanogel tectonics for biomedical applications
11:10 ~ 11:40	Christopher R. McNeill Resonant tender X-ray scattering of conjugated polymers	16:45 ~ 17:15	San H. Thang RAFT PISA: A versatile tool to functional polymers as nano-objects with various morphologies
	Lunch	17:15	Closing: Kazunari Akiyoshi

Website: <http://www.kips.polym.kyoto-u.ac.jp/internationalsymposium2022/index.html>