

Recent advances in spectroscopic imaging and related modern techniques 2

8th March, 2019

Tokyo Institute of Technology, Ookayama campus,
Main Building (Honkan), Room H104

PROGRAM

- 9:50-10:00 Opening Remarks J.Morikawa/S.Kazarian
- 10:00-10:30 Dr. Taka-aki Yano (Tokyo Institute of Technology)
“Field-enhanced vibrational nanoscopy for nano-imaging and nano-analysis”
- 10:30-11:00 Dr. Hideyuki Shinzawa (AIST)
“Spectroscopic imaging based on 2D disrelation mapping”
- 11:00-11:30 Prof. Yusuke Shimoyama (Tokyo Institute of Technology)
“Material Processing by phase behavior in supercritical CO₂ system”
- 11:30-12:00 Ms Cai Li Song (Imperial College London)
'Applications of ATR FTIR imaging'
- 12:00-12:30 Prof. Takeshi Kikutani (Tokyo Institute of Technology)
“High-strength and high-toughness polyester fibers with homogeneous state of molecular entanglement”
- 12:30-13:30 Lunch
- 13:30-14:00 Prof. Yuhei Hayamizu (Tokyo Institute of Technology)
“Bioelectronic interface by self-assembled peptides on 2D materials”
- 14:00-14:30 Prof. Satoka Aoyagi (Sei-kei Univ.)
“Time-of-flight secondary ion mass spectrometry (TOF-SIMS) imaging and data analysis”
- 14:30-15:00 Dr. Ryohei Ishige / Prof. Shinji Ando (Tokyo Institute of Technology)
“Variable temperature pMAIRS analysis of molecular chain orientation in polyimide thin films during thermal curing”
- 15:00-15:15 Break
- 15:15-16:00 Prof. Sergei Kazarian (Imperial College London / Tokyo Institute of Technology)
“FT-IR spectroscopic imaging: new trends and emerging applications”
- 16:00-17:00 Prof. Yukihiro Ozaki (Kwansei Gakuin)
” Recent Progress in Near-infrared Spectroscopy imaging”
- 17:00-17:10 Closing remarks

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