

Molecular Photoscience Research Center International Symposium
"Recent Advances in Terahertz Molecular Science"

March 10, 2017

Takigawa Memorial Hall, Kobe University

9:00-9:05 Opening Keisuke Tominaga (Kobe University)

Chair Masahiko Tani (University of Fukui)

9:05-9:40 Mark Sherwin (UC Santa Barbara)

“TBA”

9:40-10:15 Masayuki Hagiwara (Osaka University)

"Terahertz ESR in the spin-2 antiferromagnetic chain complex $MnCl_3(bpy)$ "

10:15-10:30 Break

Chair Naoki Yamamoto (Kobe University)

10:30-11:05 Joo-Hiuk Son (University of Seoul)

"Terahertz molecular spectroscopy and its applications in cancer diagnosis"

11:05-11:40 Keiichiro Shiraga (Kyoto University)

"Characterization of hydration state and hydrogen-bond network in the biomolecular solutions and the epithelial cells"

11:40-12:15 Harumi Sato (Kobe University)

"Higher-Order Structure of Biodegradable Polyesters Studied by Terahertz Spectroscopy"

12:15-13:30 Lunch Break

Chair Kaoru Ohta (Kobe University)

13:30-14:05 Yoshihiko Kanemitsu (Kyoto University)

"THz spectroscopy as a new characterization tool for solar-cell materials and devices"

14:05-14:40 Yasuhiro Kobori (Kobe University)

"Electron Spin Polarization Imaging of Photoinduced Charge-Separated States in Photosynthetic Proteins"

14:45-15:20 Toshiro Kohmoto (Kobe University)

"Observation of ultrafast spin dynamics in antiferromagnetic transition metal oxides by pump-probe and terahertz spectroscopies"

15:20-15:35 Break

Chair Susumu Okubo (Kobe University)

15:35-16:10 Kohji Yamamoto (University of Fukui)

"Application of a metal parallel-plate waveguide to terahertz spectroscopy"

16:10-16:45 Eiji Ohmichi (Kobe University)

"Development of mechanically detected terahertz electron spin resonance technique"

16:45-16:50 Closing Keisuke Tominaga (Kobe University)