

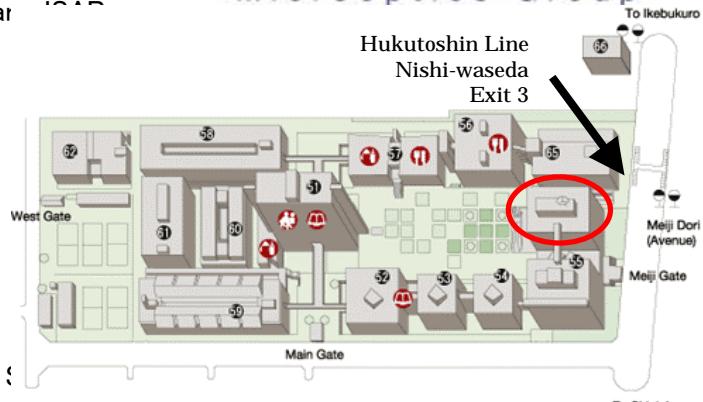
The 109th Microoptics Meeting
Molecular Microoptics
– Photon–Molecule Interaction –

Sponsored by: Microoptics Group, Optical Society of Japan



Date: October 9, 2008 (Thr) 10:00–17:30

Location: Waseda University Okubo Campus
Main conference room No. 55 North Bldg 1F
3-4-1, Okubo, Shinjuku-ku, Tokyo
169-8555, Japan



Access: 15-min. walk from Takadanobaba St.
(JR Yamanote Line, Tozai Line(Subway), Seibu Line)
3-min. walk from Nishi-waseda St. (Subway Fukutoshin Line)
3-min. walk from Toritsu Shogaisha Center –mae bus stop
<http://www.sci.waseda.ac.jp/english/campusmap/index.html>

Program

10:00–10:10	Opening Remarks	
10:10–10:40	[Introductory Talk] Interaction between light wave and molecular vibration	Kenya Goto (Tokai Univ., AIST)
10:40–11:10	CARS spectroscopic imaging using a white laser source	Hedeaki Kano (Univ. Tokyo, JST), Hiro-o Hamaguchi (Univ. Tokyo)
11:10–11:40	Fast scanning laser Raman microscope featuring multimode line illumination	Takahiro Oode (Nanophoton Corp.)
11:40–12:10	Fiber optical Doppler sensor	Yuichi Machijima (LAZOC Inc.)
12:10–13:30	(Lunch break)	
13:30–14:10	[Special lecture] In Vivo Imaging with Multiphoton Excitation-Assisted Photoacoustic Tomography (MEAPAT)	Tetsuro Takamatsu (Kyoto Prefectural Univ. of Medicine)
14:10–14:40	Evaluation of various characteristics of tissues and cells for regenerative medicine using optical technology	Miya Ishihara, Makoto Kikuchi (National Defense Medical College)
14:40–15:10	Dynamics of water molecules observed by ultrafast spectroscopy	Satoshi Ashihara (Tokyo Univ. of Agriculture and Technology, JST-PRESTO)
15:10–15:30	(Break)	
15:30–16:00	Protein analysis using mid-infrared tunable pulsed laser	Sachiko Suzuki, Tamami Fujita, Kunio Awazu (Osaka Univ.)
16:00–16:30	Nonadiabatic nanofabrication by nanophotonics	Motoichi Ohtsu (Univ. Tokyo)
16:30–17:00	Light-controlled manipulation and measurement of biological systems –single molecules and cells	Shin'ichi Ishiwata (Waseda Univ.)
17:00–17:20	Report on the 14th Microoptics Conference (MOC' 08)	Tetsuya Mizumoto, Akira Arimoto (Microoptics Group)
17:20–17:30	Closing remarks	

Registration (On site only): General ¥4000 / Student ¥1000

Steering Members: N. Mori (Konica Minolta Opto), S. Nakatsuka (Hitachi), G. Hatakoshi (JST), B. Yao(Hitachi Cable), Y.Uozu(Mitsubishi Rayon), H. Nakajima (Waseda Univ.)

Contact Address: Nobuyoshi Mori : Business Initiation Center, Konica Minolta Opto, Inc.
Tel: 042-660-9480 Fax: 042-660-9441
E-mail: n.mori@konicaminolta.jp

Microoptics Group: Kenichi Iga (General Chair), Kenya Goto (Organizing Chair),
Hirochika Nakajima (Steering Chair), Yasuo Kokubun (Steering Vice Chair)

The program of the meeting will be updated in the Web page of Microoptics Group (<http://www.comemoc.com/>)