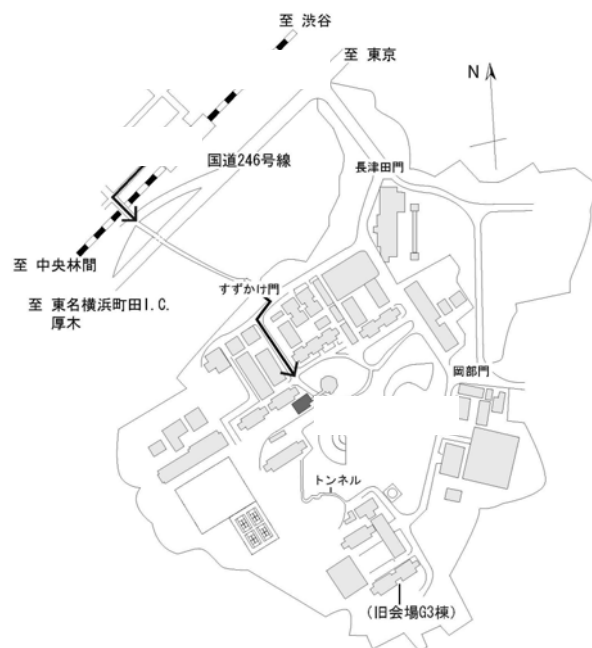


The 97th Microoptics meeting
Microoptics in Unexplored Fields

Sponsored by: Group of Microoptics, Optical Society of Japan, JSAP

Date: July 28th (Thu.), 2005, 10:00–17:00
Location: Suzukake Hall, Suzukakedai Campus,
Tokyo Institute of Technology
(4259, Nagatsuta-cho, Midori-ku, Yokohama)
[http://www.titech.ac.jp/access-and-campusmap
/j/suzukakedai-campusmap-j.html](http://www.titech.ac.jp/access-and-campusmap/j/suzukakedai-campusmap-j.html)
Access: 10 min. walk from Suzukakedai Station
(Tokyu Den-en-toshi Line)



Program

- 10:00–10:10 Opening Remarks
- 10:10–10:40 Photonic Crystals and Negative Refraction
Masaya Notomi (NTT)
- 10:40–11:10 Superluminal Light and Slow Light
Kazuhiro Ema (Sophia Univ.)
- 11:10–11:40 Optically-Controlled Slow and Fast Light in Optical Fibers Based on Stimulated Brillouin Scattering
Kwang Yong Song (Univ. of Tokyo)
- 11:40–13:00 Lunch Break
- 13:00–13:30 Electromagnetically Induced Transparency in Solids and Its Application for Quantum Information Technology
Kouichi Ichimura (Toshiba)
- 13:30–14:00 Are Organic Superconductor Candidates Important for Opto-Electronics?
Shin-ya Koshihara^{1,5}, Matthieu Chollet¹, Laurent Guerin^{1,2}, Naoki Uchida¹, Souichi Fukaya¹, Hiroaki Shimoda¹, Tadahiko Ishikawa¹, Kazunari Matsuda³, Takumi Hasegawa¹, Akira Ota⁴, Hideki Yamochi^{4,5}, Gunzi Saito⁴, Ryoko Tazaki^{5,6} and Shin-ichi Adachi⁵
(¹Tokyo Inst. of Tech., ²Univ. de Rennes 1, ³KAST & JST, PRESTO, ⁴Kyoto Univ., ⁵KEK & JST, ERATO, ⁶Chiba Univ.)
- 14:00–14:30 Attosecond Pulse Characterization by XUV Nonlinear Optics
Taro Sekikawa, Atsushi Kosuge, Teruto Kanai and Shuntaro Watanabe (Univ. of Tokyo)
- 14:30–15:00 Tbit/inch² Order Super High Density Data Storage Using Ferroelectric Recording Medium
Atsushi Onoe (Pioneer)
- 15:00–15:20 Break
- 15:20–15:50 Nano-Scale Fabrication Using Near-Field Optical Chemical Vapor Deposition
Takashi Yatsui¹ and Motoichi Ohtsu^{1,2} (¹JST, SORST, ²Univ. of Tokyo)
- 15:50–16:20 Nanosilicon Photonics
Nobuyoshi Koshida (Tokyo Univ. of Agri. & Tech.)
- 16:20–16:50 Photo-Luminescence from Single-Walled Carbon Nanotubes
Shigeo Maruyama (Univ. of Tokyo)
- 16:50–17:00 Closing Remarks

Registration (On Site Only): General ¥4,000 / Student ¥1,000

Steering Members: K. Kuroda (Univ. of Tokyo), S. Nakatsuka (Hitachi), A. Hongo (Hitachi Cable) and R. Katayama (NEC)

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Group of Microoptics: *Representative* K. Iga, *Organizing Chair* K. Goto, *Steering Chairs* H. Nakajima and Y. Kokubun

The program of the meeting will be updated in the web page of Group of Microoptics. (<http://www.din.or.jp/~microopt/>)