

The 107th Microoptics Meeting

Information Explosion and Large Capacity Optical Memory



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

Date: March 6, 2008 (Thu) 10:00-17:00

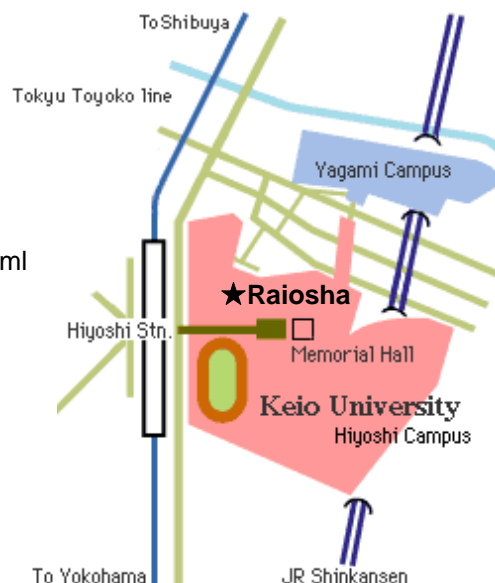
Location: Raiosha

Keio University, Hiyoshi Campus

4-1-1 Hiyoshi, Kohoku-ku, Yokohama

http://www.keio.ac.jp/english/about_keio/campus_info/hiyoshi1.html

Access: A 1-minute walk from Hiyoshi Station
(Tokyu-Toyoko Line)



Program

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|-------------|--|-----------------------------------|
| 10:00-10:10 | Opening remarks | |
| 10:10-10:30 | The optical disk business will survive or not? | Kiyoshi Yokomori (Ricoh) |
| 10:30-11:10 | [Special Lecture] Evolution of super high definition digital media and contents technology | Tomonori Aoyama (Keio Univ.) |
| 11:10-11:40 | How to utilize super massive data in astronomy | Masatoshi Ohishi (NAOJ) |
| 11:40-13:00 | Lunch break | |
| 13:00-13:30 | Potential market for future technology prospect | Takeshi Matsui (ATli) |
| 13:30-14:00 | Optical disc data storage and its prospective demand in LHD | Hideya Nakanishi (NIFS) |
| 14:00-14:30 | Trend of video surveillance systems | Takashi Fukuchi (Matsushita) |
| 14:30-15:00 | Technical difference between two types of optical discs (HD DVD and BD) | Kenya Goto (Tokai Univ.) |
| 15:00-15:20 | Break | |
| 15:20-15:50 | Thermally assisted magnetic recording using an optical near-field | Takuya Matsumoto (Hitachi) |
| 15:50-16:20 | Two-photon memory terabyte data storage | Yoshimasa Kawata (Shizuoka Univ.) |
| 16:20-16:50 | Holographic memory: present state | Tsutomu Shimura (Univ. Tokyo) |
| 16:50-17:00 | Closing remarks | |

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

Steering Members: K. Goto (Tokai Univ.), K. Yokomori (Ricoh), M. Fujimaki (Fujikura),
T. Miyamoto (Tokyo Inst. Tech.), R. Katayama (NEC)

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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/>).