

The 117th Microoptics Meeting

Revival of Coherent Optical Communications from Microoptics

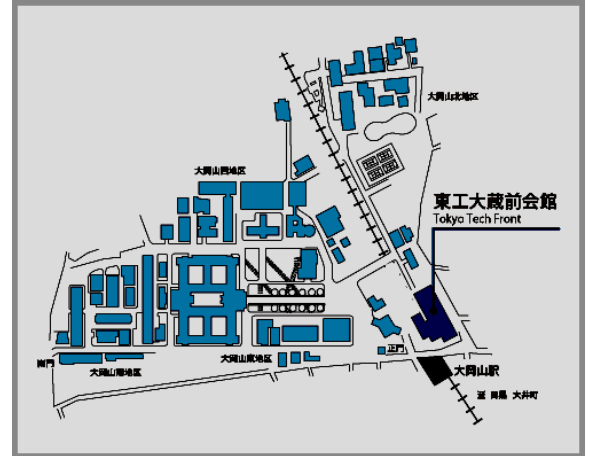


Date: Oct.5, 2010(Tues.) 10:00-17:00

Location: Royal Blue Hall, Tokyo Tech Front (1st Floor)
<http://www.somuka.titech.ac.jp/ttf/index.html>

Access: In front of Ookayama Station, Tokyu Meguro Line or Oimachi Line.

Supported by Optronics Co., Ltd.



Program

10:00~10:10 **Opening Remarks**

10:10~11:00 **【Special Lecture】**

Past, Present, Future of Coherent Optical Communications

Kazuro Kikuchi (Univ. Tokyo)

11:00~11:30 **Digital Coherent Optical Transceivers for 100Gbps**

Takashi Sugihara (Mitsubishi Electric)

11:30~12:00 **Ultra Fast Multi-Level Optical Modulation Technology**

Tetsuya Kawanishi (NICT)

12:00~13:10 <Lunch, 70 min.>

13:10~14:00 **【Special Lecture】**

Revolutionary Advanced Optical Transmission Technologies toward Exa-Bit Information Era

Masataka Nakazawa (Tohoku Univ.)

14:00~14:30 **Ultra High Spectral Efficiency Optical Transmission by OFDM**

Itsuro Morita (KDDI R&D Labs.)

14:30~15:00 **Narrow Spectral Linewidth Tunable Laser with Low Power Consumption**

Hiroyuki Yamazaki (NEC)

15:00~15:20 <Break 20min.>

15:20~15:50 **Hot Report of ECOC2010**

Hirochika Nakajima (Waseda Univ.)

15:50~16:20 **PLC Components for Coherent Optical Communications**

Hiroshi Takahashi (NTT Photonics Labs.)

16:20~16:50 **Quasi-Homogeneous Solid Multi-Core Fiber**

Katsuhiro Takenaga (Fujikura)

16:50~17:00 **Closing Remarks**

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

Steering Members: Shinji Yamashita (Univ.Tokyo), Hirochika Nakajima (Waseda Univ.), Takehisa Shibuya (Tokai Univ.), Mikitaka Itoh (NTT), Shoichi Ozawa (Furukawa Electric.)

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Microoptics Group: Kenichi Iga (General Chair), Kenya Goto (Vice Chair)

Kazuo Kuroda(Organizing Committee Chair), Genichi Hatakoshi (Organizing Committee Vice Chair),

Hirochika Nakajima (Steering Committee Chair), Kiyoshi Yokomori(Steering Committee Vice Chair)

The meeting program is updated in the Microoptics Group web page (<http://www.comemoc.com>).