The 11th Takayanagi Kenjiro Memorial Symposium
Research Institute of Electronics, Shizuoka University
-Toward Advanced Imaging Science Creation-

Date: November 12 and 13, 2009
Registration Fee: Free

Location: Sanaru Hall, Hamamatsu Campus, Shizuoka University
3-5-1 Johoku, Naka-ku, Hamamatsu 432-8011, Japan.

Program

10:00 Opening
Naotaka Oki (President of Shizuoka University)
Hidenori Mimura (Director of Research Institute of Electronics, Shizuoka University)

10:10 Session 1: Plenary Talks

Invited Talk 1: Can CNTs Be The Future of Electronics?
W.I. Milne (Engineering Department, Cambridge University, UK)

Invited Talk 2: The Art of Tangible Bits
Hiroshi Ishii (Media Laboratory, Massachusetts Institute of Technology, USA)

Invited Talk 3: NHK's Research Strategy on Super-Highvision and Beyond
Keiichi Kubota (NHK Science and Technology Research Laboratories, Japan)

12:10 Lunch

13:30 Dedication Ceremony for IEEE Milestone Award

Unveiling Ceremony for IEEE Milestone (In front of the bust of Prof. K. Takayanagi)
Commemorative Ceremony (Sanaru hall)

Special Lectures

1. Beginning of Development of Electric Television and Development of Displays
Yasuhiro Suematsu (Former President of Tokyo Institute of Technology)

2. History of Television
Alex Magoun (Director of Sarnoff Library)
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Program

9:00
Session 2
Invited Talk 1 Technology Issues on Next Generation Flat Panel Displays
Jin Jang (Department of Information Display and ADRC, Kyung Hee University, Korea)
Invited Talk 2 Printed Organic Transistors for Ambient Electronics
Takao Someya (University of Tokyo, Japan)

10:20
Coffee Break

10:40
Session 3
Invited Talk 1 Recent Progress in Laser Projector and Laser TV
Kazuhisa Yamamoto (Photon Pioneers Center, Osaka University, Japan)
Invited Talk 2 Development of MEMS Equivalent Circuit Generator
Gen Hashiguchi (Research Institute of Electronics, Shizuoka University, Japan)
Invited Talk 3 Stable Operation Voltage and Low Work Function Transfer Mold
Field Emitter Arrays in Harsh Environment
Jonghyun Moon and Masayuki Nakamoto (Research Institute of Electronics, Shizuoka University, Japan)

12:00
Lunch

13:00
Session 4
Invited Talk 1 A Proposal for Future Nano-Electronics
Iwao Ohdomari (Waseda University, Japan)
Invited Talk 2 Growth and Characterization of GaN-Based Room-Temperature Ferromagnetic Semiconductors for Semiconductor Spintronics
H. Asahi, S. Hasegawa, Y.K. Zhou and S. Emura
(The Institute of Scientific and Industrial Research, Osaka University, Japan)

14:30
Coffee Break

14:50
Session 5
Invited Talk 1 Recent Progress of CMOS Image Sensors
Shoji Kawahito (Research Institute of Electronics, Shizuoka University, Japan)
Invited Talk 2 Femtosecond Photonics for High Density Optical Data Storage
Yoshimasa Kawata and Wataru Inami (Faculty of Engineering, Shizuoka University, Japan)

15:30
Closing Remarks
Masayuki Nakamoto
(General Chair of The Symposium, Research Institute of Electronics, Shizuoka University)

Organizer: Research Institute of Electronics, Shizuoka University.
Cosponsor: Takayanagi Foundation for Electronics Science and Technology, and Hamamatsu Photonics K.K.