

## International Symposium 2009 in Tokyo

### - "Advanced Intelligence" developed with Smart Sensing -

November 5th, 2009, National Center of Sciences, Hitotsubashi Memorial Hall, Tokyo

9:05	Registration Open
9:45-10:00	<p>Opening Address Dr. Yoshiyuki Sakaki, President, Toyohashi University of Technology</p> <p>Guest Greeting Shinjiro Komatsu, Deputy Director-General, Higher Education Bureau, Ministry of Education, Culture, Sports, Science and Technology</p>
10:00-10:15	<p>Introduction : Overview of "Frontiers of Intelligent Sensing" Prof. Makoto Ishida, Global COE Leader, Toyohashi University of Technology</p>
10:15-12:15	Session 1 ( <b>Nature Asia-Pacific Supported Session</b> )
10:15	<p>1-1 <b>"Integration and Miniaturization of Neural Implants" (Invited)</b> Prof. Wentai Liu, Integrated BioElectronics Research Laboratory, University of California Santa Cruz</p>
10:55	<p>1-2 <b>"Integrated Neuroprobe/Tube Arrays: Microdevices for Neural Interface"</b> Assistant Prof. Takeshi Kawano, Graduate School of Engineering, Electronic and Information Engineering, Toyohashi University of Technology</p>
11:15	<p>1-3 <b>"CMOS Chips for Bio Molecule and Neural Tissue Interfacing" (Invited)</b> Prof. Roland Thewes, Faculty of Electrical Engineering &amp; Computer Science, Sensor &amp; Actuator Systems, Technische Universität Berlin</p>
11:55	<p>1-4 <b>"Novel Ion Image Sensor for Biomedical Application"</b> Prof. Kazuaki Sawada, Graduate School of Engineering, Electronic and Information Engineering, Toyohashi University of Technology</p>
12:15-13:30	Lunch
13:30-14:50	Session 2
13:30	<p>2-1 <b>"Symbiotic Instrument and Control for Human Sensory Motor" (Invited)</b> Prof. Taro Maeda, Graduate School of Information Science and Technology, Osaka University</p>
14:10	<p>2-2 <b>"Reading Cognition: Naturalness, Awareness, and Intention"</b> Prof. Shigeki Nakauchi, Graduate School of Engineering, Electronic and Information Engineering, Toyohashi University of Technology</p>
14:30	<p>2-3 <b>"Interaction Technology between Human and Robot -Towards My Robot Era-"</b> Prof. Kazuhiko Terashima, Graduate School of Engineering, Electronic and Information Engineering, Toyohashi University of Technology</p>
14:50-15:30	<p>Session 3</p> <p><b>Short Presentation for 16 poster-award papers</b></p>
15:30-15:45	Break
15:45-17:15	<p><b>Panel Discussion "Intelligence of Life, Dream of Technology"</b> <i>Moderator</i> : Dr. Hideaki Sena (Writer, Mechanical Engineering, Tohoku University, Professor) <i>Panelists</i> :</p> <p>Dr. Teruo Okano (Regenerative Medicine, Institute of Advanced Biomedical Engineering &amp; Science, Tokyo Women's Medical University, Director and Professor)</p> <p>Dr. Taro Maeda (Human Information Engineering, Osaka University, Professor)</p> <p>Dr. Yoshiyuki Sakaki (Molecular Biology, Toyohashi University of Technology, President)</p>
17:15-19:00	<b>Poster Exhibition and Open Discussion with "Sensing Architects"</b>

**[Registration]** Send E-mail (g-coe-office@gcoe.tut.ac.jp) or fax (0532-44-1562) with the following information ①-⑤ to our  
①Name ②Affiliation ③E-mail address ④Phone number ⑤ "Yes" or "No" for attending Free Discussion

**[Registration Fee]** Free (Except 2,000 yen for attending Open Discussion)

**[Organization]** Global COE Program on "Frontiers of Intelligent Sensing", Toyohashi University of Technology  
URL : <http://www.gcoe.tut.ac.jp/index.php>