



京都大学

國立臺灣大學



# Seminar on Informatics

Asia 2011 in Taiwan

Monday, March 7<sup>th</sup>, 2011, 9:00–17:00

Auditorium Hall, College of Engineering (工學院演講廳 203)

National Taiwan University

## Program

Admission free

### 9:00-9:15 Opening Addresses

- Professor Huan-Jang Keh, Dean of the Engineering College, National Taiwan University
- Professor Toru Sato, Associate Dean of the Graduate School of Informatics, Kyoto University

### 9:15-9:45

- Quantized Control for Mechatronics Systems  
Professor Toshiharu Sugie, Kyoto University

### 9:45-10:15

- Closed-Loop Identification Based on Realization Theory and Subspace Methods  
Dr. Hideyuki Tanaka, Kyoto University

### 10:15-10:45

- Molecular Modeling and Computer Simulation of Electrodeposition: Application to Industry  
Dr. Yutaka Kaneko, Kyoto University

### 10:45-11:00 Break

### 11:00-11:30

- Adaptive Control of Unknown Switched Systems  
Professor Li-Chen Fu, National Taiwan University

### 11:30-12:00

- Stitching Nano Patterns into Large Area  
Professor Jia-Yush Yen, National Taiwan University

### 12:00-13:00 Lunch Break

### 13:00-13:30

- Learning from Time-Series Data with Kernels: Challenges for Intelligence Science and Technology  
Professor Akihiro Yamamoto and Associate Professor Marco Cuturi, Kyoto University

### 13:30-14:00

- Invitation to "Field Informatics"  
Professor Kazuyuki Moriya, Kyoto University

### 14:00-14:30

- Peta-Scale Integration Through Nano-Meter Devices: an Integrated Circuit Perspective  
Professor Takashi Sato, Kyoto University

### 14:30-14:45 Break

### 14:45-15:15

- Uncovering Honey Bee Behaviors Using an Intelligent Imaging System  
Professor Ta-Te Lin, National Taiwan University

### 15:15-15:45

- Interactive Virtual Exhibition  
Professor Yi-Ping Hung, National Taiwan University

### 15:45-16:00 Closing Addresses

- Professor Shuo-Hung Chang, Chair of the Mechanical Engineering Department, National Taiwan University
- Professor Yutaka Yamamoto, Chair of Department of AACDS, Kyoto University

### 16:00-16:15 Guidance for Admission to the Graduate School of Informatics of Kyoto University

- Professor Akihiro Yamamoto, Kyoto University

### 16:15-17:00 Q&A session

- Professor Akihiro Yamamoto and Graduate Students of Kyoto University



Department of Mechanical Engineering  
College of Engineering  
College of Bio-resources and Agriculture  
New Energy Center  
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Graduate School of Informatics  
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