

## “Designing the Future by Multiscale Engineering”

The Third GMSI International Symposium

March 3 – 4, 2011

Tetsumon Memorial Hall (鉄門記念講堂)

Hongo Campus of The University of Tokyo

### (A) Recent Developments in Extended Nano Space Engineering & Science

Wai-Yim Ching, Satoshi Watanabe, Tatsuya Okubo,  
Andreas W. Glaeser, Yuichi Ikuhara

### (B) Nano / Micro Element Technology for Mechanical System Innovation

Satoshi Izumi, Chisachi Kato, Helmut Baumgart,  
Tadatomo Suga, Ruud Vullers, Yuji Suzuki

### (C) Analysis & Synthesis for Innovative Mechanical Systems with Applications

Shu Takagi, Timothy David, Mamoru Mitsuishi,  
Nobuo Takeda, Nancy Sottos, Toyohisa Fujita

More information: <http://www.mechasys.jp/>

参加費無料

# “Designing the Future by Multiscale Engineering” The Third GMSI International Symposium

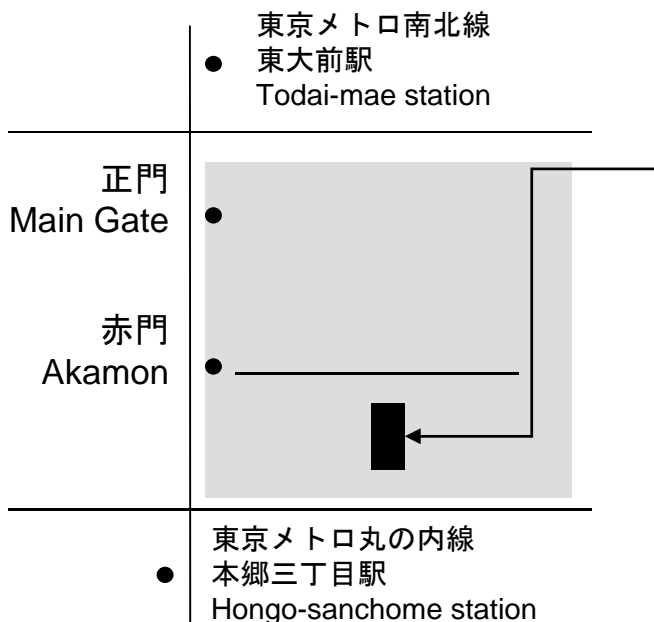
Emerging nanoscale, extended nanoscale, and microscale phenomena and technology in mechanical, chemical, and materials engineering fields have great potential to lead to a variety of innovative mechanical systems. In this symposium, some of the world’s leading researchers in these fields will get together to discuss the latest developments and collaborations in extended nano space engineering and science, nano/micro element technologies, and analysis and synthesis for innovative mechanical systems with some practical applications.

## Thursday, March 3<sup>rd</sup>, 2011

- 9:30 Registration
- 10:00-10:20 Opening Remarks
  - Takehiko Kitamori, Dean, School of Engineering, The University of Tokyo
  - Mamoru Mitsuishi, Symposium Chair, GMSI Program Leader, The University of Tokyo
- 10:20-12:00 Session A1: Recent Developments in Extended Nano Space Engineering & Science
  - Wai-Yim Ching, Department of Physics, University of Missouri-Kansas City, USA
  - Satoshi Watanabe, Department of Materials Engineering, The University of Tokyo
  - Tatsuya Okubo, Department of Chemical System Engineering, The University of Tokyo
- 12:00-13:00 Lunch Break
- 13:00-14:10 Session A2: Recent Developments in Extended Nano Space Engineering & Science
  - Andreas W. Glaeser, Department of Materials Science and Engineering, University of California at Berkeley, USA
  - Yuichi Ikuhara, Institute of Engineering Innovation, The University of Tokyo
- 14:10-15:10 PD· RA Poster Session I (with coffee)
- 15:10-17:20 Session B1: Nano / Micro Element Technology for Mechanical System Innovation
  - Satoshi Izumi, Shotaro Hara and Shinsuke Sakai, Department of Mechanical Engineering, The University of Tokyo
  - Chisachi Kato, Institute of Industrial Sciences, The University of Tokyo
  - Helmut Baumgart, Department of Electrical and Computer Engineering, Old Dominion University, USA
  - Tadatomo Suga, Department of Precision Engineering, The University of Tokyo
- 18:00-19:30 Banquet (Sanjo Conference Hall)

## Friday, March 4<sup>th</sup>, 2011

- 9:30 Registration
- 9:50-11:00 Session B2: Nano / Micro Element Technology for Mechanical System Innovation
  - Ruud Vullers, Holst Centre / IMEC, the Netherlands
  - Yuji Suzuki, Department of Mechanical Engineering, The University of Tokyo
- 11:00-11:50 PD· RA Poster Session II
- 11:50-12:50 Lunch Break
- 12:50-14:30 Session C1: Analysis & Synthesis for Innovative Mechanical Systems with Applications
  - Shu Takagi, Department of Mechanical Engineering, The University of Tokyo
  - Timothy David, Department of Mechanical Engineering, University of Canterbury, New Zealand
  - Mamoru Mitsuishi, Department of Mechanical Engineering, The University of Tokyo
- 14:30-14:45 Coffee Break
- 14:45-16:25 Session C2: Analysis & Synthesis for Innovative Mechanical Systems with Applications
  - Nobuo Takeda, Department of Advanced Energy, The University of Tokyo
  - Nancy Sottos, University of Illinois at Urbana-Champaign, USA
  - Toyohisa Fujita, Department of Systems Innovation, The University of Tokyo
- 16:30-17:20 Discussions on Common Interests and Challenges
- 17:20-17:30 Award Ceremony
- 17:30-17:40 Closing Remarks
  - Shinobu Yoshimura, Symposium Co-chair, Department of Systems Innovation, The University of Tokyo



医学部教育研究棟14階

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詳細

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