



October 20 2009

Japan Agency for Marine-Earth Science and Technology

Seventh Earth Simulator Symposium - Ushering into a New Era of Computer Simulations -

The Japan Agency for Marine-Earth Science and Technology (JAMSTEC: Yasuhiro Kato, President) will be hosting the Seventh Earth Simulator Symposium as described below. The aim of the symposium is to increase public awareness of the possibilities of computer simulation sciences, by introducing state-of-the-art research findings from projects using the "Earth Simulator," a high-performance parallel computer, in an easy and understandable manner.

Details

1. Date and time : Thursday, November 19, 2009, 10:00-17:20
(Admission starts at 9:30)
2. Venue : MIRAICAN Hall National Museum of Emerging Science and Innovation
2-41, Aomi, Koto-ku, Tokyo (Refer to the [MAP](#))
3. Admission : Free (No pre-registration is required)
4. Host : Japan Agency for Marine-Earth Science and Technology
5. Sponsor : Ministry of Education, Culture, Sports, Science and Technology
6. Program : Refer to [Appendix](#)

* Please note that the symposium will be delivered only in JAPANESE and the interpretation will NOT be available.



Tokyo Waterfront New Transit YURIKAMOME
5 minute walk from "Funeno Kagakukan station"

Appendix

Program for the Seventh Earth Simulator Symposium (Tentative translation)

9:30	Admission starts
10:00-10:05	Opening remarks Yasuhiro Kato, President, JAMSTEC
10:05-10:10	Remarks by the honored guest
10:10-10:30	Start of the new Earth Simulator operation Kunihiko Watanabe, Director General, Earth Simulator Center, JAMSTEC
10:30-11:20	Can we provide for the extreme weather and climate events in the coming global climate change? Keiko Takahashi, Earth Simulator Center, JAMTEC
11:20-12:10	Computer science in the economics – Simulation of the financial world - Hideki Takayasu, Sony Computer Science Laboratories, Inc.

12:10-13:30	Lunch break
13:30-14:20	Future of fuel-efficient tires engineered by nano-structure simulations Hiroyuki Kishimoto, Sumitomo Rubber Industries, Ltd.
14:20-15:10	Prediction of seismic waves and tsunami for the possible Nankai-Tonankai-Tokai earthquake Takashi Furumura, CIDIR, University of Tokyo
15:10-15:30	Tea break
15:30-16:20	The protein simulations: Prediction of the mutation of influenza virus strains Shigenori Tanaka, Graduate School of Engineering, Kobe University
16:20-17:10	Simulation of the fluid behaving as "a hard fluid" and as "a soft solid" - From the ink flow to the mantle movement - Hide Sakaguchi, Institute for Research on Earth Evolution, JAMSTEC
17:10-17:20	Closing remarks Kunihiko Watanabe, Director General, Earth Simulator Center, JAMSTEC

Contacts:

Japan Agency for Marine-Earth Science and Technology
(For the symposium)

Kyohiko Mitsuzawa, Group Leader

Information Systems Planning Group Information systems Department

Earth Simulator Center

Tel:045-778-5442

(For Publication)

Toru Nakamura, Manager

Press Office Planning Department

Tel: 046-867-9193

Email:press@jamstec.go.jp