JSME-CMD
ICMS2012 in Kobe

JSME-CMD ICMS2012 in Kobe

FIBER, Konan Univ.

K computer at AICS, RIKEN

1st Announcement of
International Computational Mechanics Symposium 2012
Computational Mechanics Division
Japan Society of Mechanical Engineers
(http://www.jsme.or.jp/cmd/Doc/ICMS2012FirstAnnoucement_v2_2.pdf)

October, 9 – 11 in 2012, Kobe, Japan
Venue: Convention Hall, Kobe Univ. and FIBER, Konan Univ.
Tour to the "K-computer"

Sponsored by CMD, JSME (http://www.jsme.or.jp/cmd/)
Supported by JACM (http://www.sim.gsic.titech.ac.jp/jacm/index-j.html)

Aim and Overview of ICMS2012

The JSME-CMD (Japan Society of Mechanical Engineers-Computational Mechanics Division) International Computational Mechanics Symposium (ICMS)   2012 will be held during October 9-11, 2012, in a beautiful and historical Port City Kobe, Japan, to cerebrate the 25th anniversary of the Division of Computational Mechanics which was established in 1998.

In 2012, "K" computer with 10 Peta FLOPs will start its operation in Kobe. The "K" computer is open to anybody. This will drastically change the world of computational mechanics.   In ICMS 2012, there will be a tour of and some technical presentations on the "K" computer.

Although ICMS 2012 will cover all the topics in computational mechanics, the revolutions of computational mechanics world with the amazing progress of computing speed will especially be focused. 5 world distinguished plenary speakers are invited and they will address the state of the art developments in the high performance computing and computational mechanics.

The invited plenary speakers are: Prof. J.S. Chen, UCLA, USA, Prof. Jack Dongarra, Univ. of Tennessee, USA, Dr. Yuji Oinaga, Fujitsu, Japan, Prof. Roger Ohayon, CNAM, France and Prof. Genki Yagawa, Toyo Univ., Japan.

Please mark your calendars and plan to join us for an enjoyable and interesting symposium, where you can have a fruitful exchange of ideas and research outcomes, and participate numerous technical exchanges. JSME-CMD offers travel awards(¥50,000 up to 20 attendees under 35 year old) to support young researchers, engineers and students to attend ICMS2012.
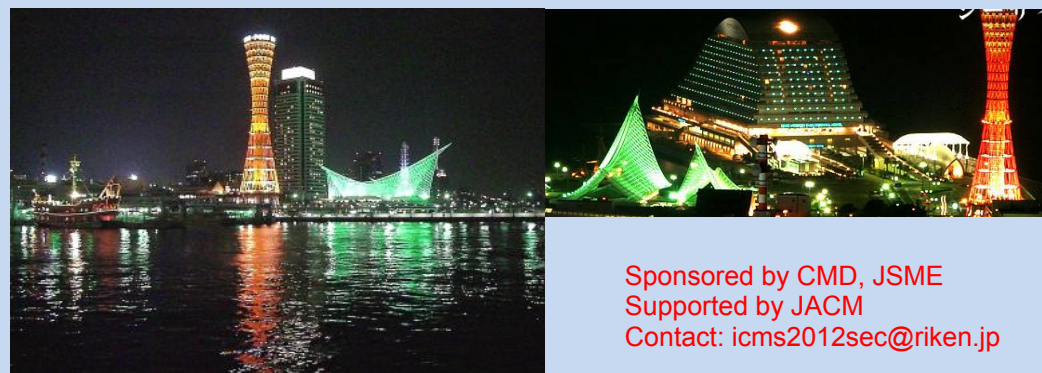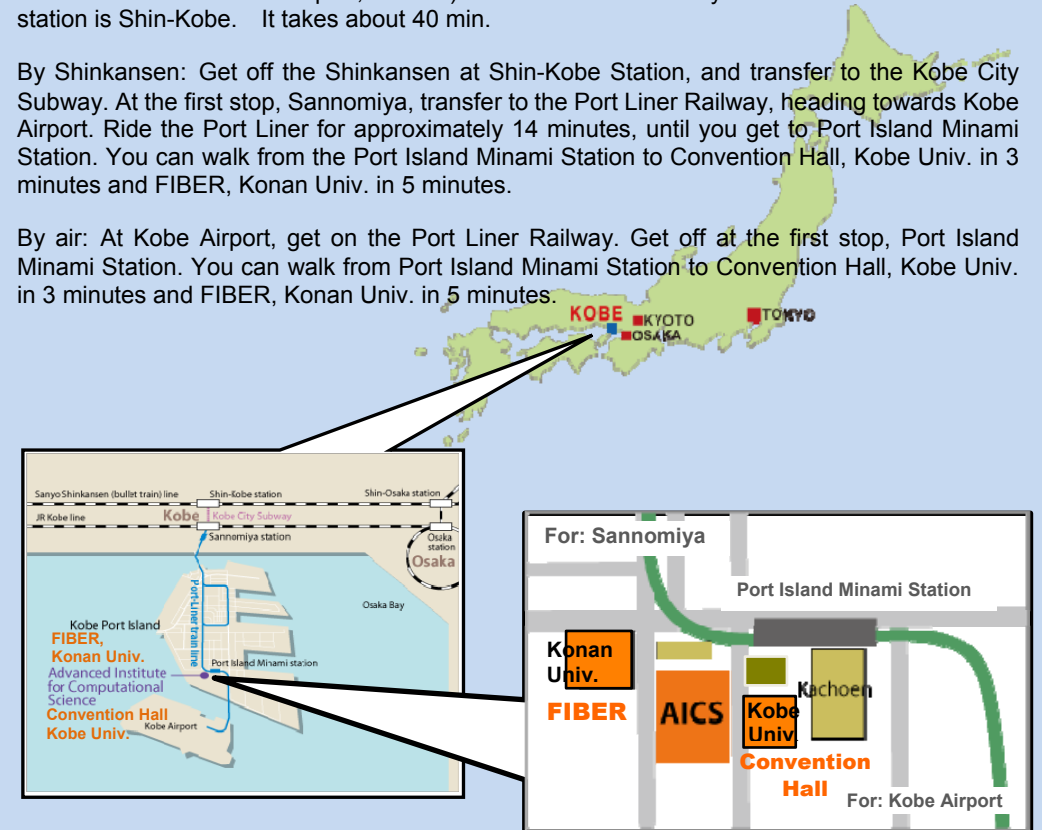
You are now encouraged to propose mini-symposia in the field of your interest. To do so, please contact icms2012sec@riken.jp.

Location and Access

You can get Convention Hall, Kobe Univ. and FIBER, Konan Univ. by airplane, Shinkansen or boat from major International airports in Japan. The nearest domestic airport is Kobe Airport (5 minute ride of Port Liner) and the nearest International airport is Kansai Airport (high speed boat is available to Kobe airport, 30 min.). You can reach there by Shinkansen whose nearest station is Shin-Kobe.   It takes about 40 min.

By Shinkansen: Get off the Shinkansen at Shin-Kobe Station, and transfer to the Kobe City Subway. At the first stop, Sannomiya, transfer to the Port Liner Railway, heading towards Kobe Airport. Ride the Port Liner for approximately 14 minutes, until you get to Port Island Minami Station. You can walk from the Port Island Minami Station to Convention Hall, Kobe Univ. in 3 minutes and FIBER, Konan Univ. in 5 minutes.

By air: At Kobe Airport, get on the Port Liner Railway. Get off at the first stop, Port Island Minami Station. You can walk from Port Island Minami Station to Convention Hall, Kobe Univ. in 3 minutes and FIBER, Konan Univ. in 5 minutes.

Tentative program

Tuesday , October 9				
9:00-9:30	Registration for "K" tour (Registration desk opens from 9:00 to 17:00)			
9:30-12:00	"K" Tour			
12:00-13:30	Lunch			
13:30-13:45	Opening Ceremony			
13:45-14:45	Keynote Lecture: Prof. Jack Dongarra, Univ. of Tennessee, USA			
14:45-15:15	Coffee Break			
15:15-18:15	Session A1	Session B1	Session C1	Session D1
18:30-21:00	Reception			

Wednesday, October 10				
9:00-9:45	Plenary Lecture: TBA			
9:45-10:00	Short Break			
10:00-12:00	Session A2	Session B2	Session C2	Session D2
12:00-13:30	Lunch			
13:30-14:15	Plenary Lecture: TBA			
14:15-14:45	Coffee Break			
14:45-17:45	Session A3	Session B3	Session C3	Session D3
17:45-18:45	Transportation to the dinner site			
18:45-21:30	Dinner Cruise			

Thursday, October 11				
9:00-9:45	Plenary Lecture: TBA			
9:45-10:00	Short break			
10:00-12:00	Session A4	Session B4	Session C4	Session D4
12:00-13:30	Lunch			
13:30-14:15	Plenary Lecture: TBA			
14:15-14:40	Coffee Break			
14:40-17:40	Session A5	Session B5	Session C5	Session D5

*Information about the conference program will be updated on the WWW-page of icms2012 (The WWW page is found from http://www.jsme.or.jp/cmd/).

Important dates

The dates listed below are tentative ones. As soon as, final schedules are determined they will be announced.
- Due date of mini-symposium proposal: October 31, 2011
- Abstract submission begins: January 1, 2012
- Abstract submission ends (for those who apply for the travel awards): April 15, 2012
- Online registration begins: April 15, 2012
- Abstract submission ends: July 15, 2012
- Online registration ends: July 15, 2012
- ICMS2012 in Kobe: October 9-11
- Full paper submission to the JCST special issue: January 2013
- Publication of JCST special issue on ICMS2012, on J-STAGE: July 2013

Special issue of JCST (Journal of Computational Science and Technology) on ICMS2012

- Journal of Computational Science and Technology (JCST) is the official journal of the Computational Mechanics Division (CMD) of Japan Society of Mechanical Engineers (JSME). JCST is an electric journal that anyone who is connected to the internet can read for free on J-STAGE (http://www.jstage.jst.go.jp/browse/). Please check http://www.jstage.jst.go.jp/browse/jcst for JCST, recent titles, instructions for manuscript preparations, etc. The journal is one of the 12 JSME journals.

- After ICMS2012, the authors are encouraged to submit their full length papers to the special issue of JCST on ICMS2012. The submitted papers will be peer reviewed and the successful ones will be published in the special issue of JCST. The organizers of the mini-symposia will be invited to be the guest editors of the special issue.

Local Organizing Committee
Ryutaro Himeno (Chairman), RIKEN
Hiroshi Okada (Secretary General), Tokyo University of Science
Takehiro Fujimoto, Kobe University
Masahiro Fukuda, Foundation for Computational Science
Seiya Hagihara, Saga University
Toru Ikeda, Kyoto University
Takeo Kajishima, Osaka University
Chisachi Kato, University of Tokyo
Yuichi Matsuo, Japan Aerospace Exploration Agency
Toshihisa Nishioka, Kobe University
Shinji Nishiwaki, Kyoto University
Shigeho Noda, RIKEN
Shigeru Obayashi, Tohoku University
Shu Takagi, University of Tokyo
Naoki Takano, Keio University
Mamoru Tanahashi, Tokyo Institute of Technology
Hisae Tateishi-Karimata, Konan University
Masaki Tatsuoka, Argo Graphics Inc.
Kisaragi Yashiro, Kobe University
Takahiro Yamada, Yokohama National University
Makoto Yamamoto, Tokyo University of Science
Shinobu Yoshimura, University of Tokyo

Sponsored by CMD, JSME
Supported by JACM
Contact: icms2012sec@riken.jp