

[2012-2013 Hot Topic Workshop]
(1st Circular)

NIMS-SIT Joint Workshop on Computational and Numerical Studies of Sciences

June 27 – June 29, 2012
InterCiti Hotel, Daejeon

*** Hosting Organizations**

NIMS (National Institute for Mathematical Sciences)
SIT (Saitama Institute of Technology)

*** Organizing Committees**

J. J. Oh (NIMS)	Shunji Ido(SIT)
S. H. Oh (NIMS)	K. Jeon (NIMS)

*** General Scope**

This workshop focuses on how to find common interests and research topics between researchers in Korea and Japan, in particular, mainly at NIMS, SIT, and their collaborative institutions. Indeed, this workshop covers very broad fields of sciences and technology but they can be categorized by common methodologies of numerical and computational ways. In this sense, researchers who will join this workshop can find their common interests with full discussions for future collaboration, which will be crucial goal of the workshop.

*** Contact**

Ms. Seungyeon Lee, Program Coordinator (seungyeon@nims.re.kr)

*** Topics**

- High Performance Computing
- Hybrid Platform of Supercomputing Resources
- Virtual Reality and Visualization
- Fluid Dynamics Simulation
- Disaster / Catastrophe Risk Management
- Nuclear Fusion Simulation
- Interdisciplinary Education and Research
- Mathematical Astrophysics via Computational Methods
- Medical Imaging Processing
- Geoscientific Research via Computational Methods
- Scientific Computing Software Development

*** Speakers**

- Shunji Ido (Saitama Institute of Technology)
- Fumiaki Araki (JAMSTEC)
- Daisuke Matsuoka (JAMSTEC)
- Hideo Miyachi (Cybernet System Co.)
- Takashi Nakamura (JAXA)

- Yuichi Uetake (Saitama Institute of Technology)
- John J. Oh (NIMS)
- Kiwan Jeon (NIMS)
- Soonyoung Yu (NIMS)
- Sanghoon Oh (NIMS)
- Yunkyong Hyon (NIMS)
- Hyunwook An (NIMS)
- Taeyoung Choi (NIMS)

*** Program (Tentative)**

	6/27 Wed	6/28 Thu	6/29 Fri
09:00-09:50	Registration		
09:50-10:00	Opening Remark		
10:00-10:30	S. Ido	Araki	Miyachi
10:30-11:00	Discussion	Discussion	Discussion
11:00-11:30	J. J. Oh	Y. Hyon	S.H. Oh
11:30-12:00	Discussion	Discussion	Discussion
12:00-14:00	Lunch	Lunch	Lunch
14:00-14:30	Nakamura	Excursion	Matsuoka
14:30-15:00	Discussion		Discussion
15:00-15:30	S. Yu		K. Jeon
15:30-16:00	Discussion		Discussion
16:00-16:30	Habuto		T. Choi
16:30-17:00	Discussion		Discussion
17:00-17:30	H. An		Closing
17:30-18:00	Discussion		Dinner
18:00~20:00	Banquet		

*** Schedule:**

June 27 Wed

Chair:

09:00-09:50 Registration

09:50-10:00 Opening Remark by President of NIMS

10:00-10:30 [S. Ido] The activities of Research Exhibit at SC conferences of "Saitamauniversities" and "VR Study Meeting"

10:30-11:00 Discussion

11:00-11:30 [J. J. Oh] An Introduction of NIMS and NIMSOF Project

11:30-12:00 Discussion

12:00-14:00 Lunch

Chair:

14:00-14:30 [Nakamura]

14:30-15:00 Discussion

15:00-15:30 [S. Yu]

15:30-16:00 Discussion

Chair:

16:00-16:30 [Habuto]

16:30-17:00 Discussion
17:00-17:30 [H An]
17:30-18:00 Discussion
18:00-20:00 Banquet

June 28 Thu

Chair:

10:00-10:30 [Araki]
10:30-11:00 Discussion
11:00-11:30 [Y. Hyon]
11:30-12:00 Discussion
12:00-14:00 Lunch
14:00-20:00 Excursion (Full Afternoon)

June 29 Fri

Chair:

10:00-10:30 [Miyaki]
10:30-11:00 Discussion
11:00-11:30 [S.H.Oh]
11:30-12:00 Discussion
12:00-14:00 Lunch

Chair:

14:00-14:30 [Matsuoka]
14:30-15:00 Discussion
15:00-15:30 [K. Jeon]
15:30-16:00 Discussion
16:00-16:30 [T. Choi]
16:30-17:00 Discussion
17:00-17:30 Closing / Free Discussion
17:30-18:00 Free Discussion
18:00-20:00 Dinner