



# AGENDA

## 51<sup>st</sup> IDC HPC USER FORUM

### 2013 Fall Conference of KSCSE

Hosted by Korean Society of Computational Science & Engineering  
Sponsored by National Institute of Supercomputing & Networking

October 1, 2013 – Seoul, South Korea

**Meeting Location:** EL Tower, 5th floor, Marigold Room (24 Yangjae-dong, Seocho-gu, 거기 서울)

**Meeting Time:** 9:30am to 6:30pm

- 9:30am Coffee and refreshments
- 10:00am Welcome and Introductions
- Welcome by KSCSE, Dong Pil Min
  - IDC Welcome and HPC User Forum Background, Jim Kasdorf, Rupak Biswas, Earl Joseph and Steve Conway
  - IDC HPC Market Overview, Earl Joseph
- 10:45am Education and Training in Computational Sciences (Session Chair: Jim Kasdorf)
- Computational Science Education in Korea, Chongam Kim
  - Pittsburgh Supercomputing Center Educational Approach, Jim Kasdorf
  - City University of NY, Paul Muzio
  - Computational Science Infrastructure and Education at Penn State, Vijay K Agarwala
- 12:00pm Lunch Break
- 1:00pm Advances in Accelerators, New Technologies and End User Examples  
(Session Chair: Steve Finn)
- NASA Advanced Computing Environment for Science & Engineering, Rupak Biswas
  - Results From The Boston HPC User Forum, Steve Finn
  - HP Moon Shot program, Suk Won
  - New Directions At Cray
  - Nvidia, Junard Lee(이주석)
  - Inspur, Zilong(David) XU
  - Panel Discussion
- 2:45pm Break
- 3:15pm Computational Science for Creative Economy and Societal Improvement: Success stories -- Short talks followed by a panel discussion (Session Chair: Jysoo Lee)
- Korean Perspective: Jysoo Lee, NISN (National Institute of Supercomputing and Networking)
  - E-infrastructure, Big Data and the Economic Impact Opportunity, John Bancroft
  - HPC in Korean Automotive Industry, Wanho Jeon
  - HPC and the Aerospace Industry, Douglas Ball
  - HPC Success Stories and ROI, Earl Joseph and Steve Conway
- 5:15pm Panel Discussion: "Perspective on Scientific Simulation on Global Problems"  
(Moderator: Dong Pil Min)
- 6:00pm Meeting Wrap-up And A Discussion Of The Need For Worldwide Cooperation To Advance HPC