Welcome to "11th Korea-Japan CFD workshop (KJCFD2015)"

Japan Society of Fluid Mechanics (JSFM) and Korean Society for Computational Fluid Engineering (KSCFE) will hold "**11th Korea-Japan CFD workshop (KJCFD2015)**" in Fukuoka on December 16th-17th,2015. It has been alternatively held in Japan and Korea since 2006 for promoting and exchanging their research activities on computational fluid dynamics. Workshop will joint with "29th Symposium on Computational Fluid Dynamics" by JSFM. Welcome to the workshop for all researchers, engineers and students with member and non-member of JSFM & KSCFE.

Information:
 Date: December 16th & 17th, 2015
 Place: Chikushi Campus, Kyushu university
            (Research institute of Applied Mechanics)
             6-1 kasuga-ko'en, Kasuga, Fukuoka 816-8580, Japan
            http://www.kyushu-u.ac.jp/access/map/chikushi/chikushi-e.html
            http://www.riam.kyushu-u.ac.jp/

 Workshop is held with "29th Symposium on Computational Fluid Dynamics
 http://www2.nagare.or.jp/cfd/cfd29/   (in Japanese)

Tentative program:
 December 16th (Wed)   Session1   14:00 - 17:30
                              Joint to JSFM symposium party
 December 17th (Thu)   Session2   9:30 - 11:50
  5 speakers each from KSCFE & JSFM will be invited.
  (All speakers and audiences are free from registration fee)
  - Oral presentation (in English) 30min for each
  - 2~4 pages abstract papers will be bounded with domestic symposium.

Contact to Organizers in detail:
KSCFE: Prof. Seungsoo LEE, Inha university   slee@inha.ac.kr
JSFM: prof. Nobuyuki OSHIMA, Hokkaido university   oshima@eng.hokudai.ac.jp

Korea-Japan CFD Workshop 2015

12/16(Wed) 14:00-17:30

Chair Person: Nobuyuki Oshima (Hokkaido University)

Opening address: President of JSFM (or Japan side organizer)

14:05-14:35
"Computational engineering analysis with the space-time isogeometric analysis"
Kenji TAKIZAWA (Waseda univ.)

14:40-15:10
"Free Surface Solver for Complex 3D Water Impact Problem Based on VOF Method"
Van-Tu NGUYEN, **Warn-Gyu PARK (**Pusan National University)

15:15-15:45
"Supercomputing of Multiscale Multiphase Flow Related to Industrial Field and Natural Disaster Problems"
Jun ISHIMOTO (Tohoku univ.)

15:50-16:20
"Study on Grid Smoothing of Multi-Block Structured Grids for Computational Domain with Periodicity"
Wanghyun Kim, **Byoungsoo KIM (**Chungnam National University)

16:25-16:55
"Development of Seamless Immersed Boundary Methodto Various Partial Differential
Hidetoshi NISHIDA (Kyoto Institute of Technology)

17:00-17:30
"Computations of Control Power using a Preconditioned Continuous Adjoint Method"
Hyungro Lee, **Seungsoo LEE (**Inha University)

18:00- Banquet (together with domestic CFD symposium of JSFM)

12/17(Thu) 9:30-11:50

Chair Person: Prof. Seungsoo LEE (Inha university)

9:30-10:00
"Numerical Prediction of Ice Accretion on Helicopter Fuselage under Rotor Wake Effects"
Kwanjung YEE (Seoul National University)

10:05-10:35
"Development of Analysis Tools for Space Vehicle in Atmospheric Reentry Mission"
Yusuke TAKAHASHI , Nobuyuki OSHIMA (Hokkaido univ.)

10:40-11:10
"CFD Based Design of Combustion Chamber for a Stoker-type Wood Pellet Boiler"
Joon AHN (Kookmin University)

11:15-11:45
"Large-eddy simulation of pulverized coal combustion and gasification on semi-industrial furnaces"
Hiroaki WATANABE   (Kyushu univ.), Masaya MUTO, Ryoichi KUROSE(Kyoto univ.)

11:45-11:50
Closing address: Prof. Seungsoo LEE (or Korea side organizer)

（**12:00- Lunch ）**