First Announcement and Call for Papers

PSFVIP-7
The 7th Pacific Symposium on Flow Visualization and Image Processing

The SPLENDOR Kaohsiung
Kaohsiung, Taiwan, ROC
November 16th-19th, 2009

Sponsored by:
Pacific Center of Thermal-Fluids Engineering
Co-sponsored by:
Aeronautical and Astronautical Society of ROC
Society of Theoretical and Applied Mechanics of ROC
The Chinese Society of Mechanical Engineers
The Combustion Institute of ROC
Visualization Society of Japan
Heat Transfer Society of Japan
Thermal Engineering Division of the Japan Society of Mechanical Engineers.

Background
The Seventh Pacific Symposium on Flow Visualization and Image Processing (PSFVIP) will be held in Kaohsiung, Taiwan during November 16-19, 2009 under the auspices of the Pacific Center of Thermal-Fluids Engineering (PCTFE). According to the “Encyclopedia Americana,” Westerners long called the island Formosa, from Ilha Formosa (“beautiful isle”), the name given to Taiwan by the Portuguese when sailed past in the 16th century. The previous PSFVIP were held in Honolulu 1997 and 1999, Maui 2001, Chamonix (France) 2003, Daydream Island (Australia) 2005, and Honolulu 2007.

Scope
The objective of this Symposium is to provide an opportunity for world-wide researchers and engineers in all areas of flow visualization, image processing and related techniques to exchange knowledge and new experience in the spirit of collaboration and friendship. Papers dealing with current research ranging from fundamental principles and techniques to applications on the above topics are appropriate. Topics include, but are not limited to, flow field visualization, surface flow visualization, computer assisted techniques, graphical display of data, digital image processing and CFD studies. Fluid Flows to be included are subsonic and supersonic, steady and unsteady, laminar and turbulent, macro and micro, and others.

Topics
(1) Physiological/Biological flow
(2) Multiphase flow
(3) Non-Newtonian fluids flow
(4) Jet
(5) Swirling flows
(6) Turbo-machinery flow
(7) Environmental flow
(8) Reacting Flow
(9) Micro/Nano fluidics
(10) LIF
(11) PTV/PIV
(12) Wavelet
(13) Advanced measurements
(14) Numerical visualization/image processing
(15) High performance computing
(16) Applications
(17) Miscellaneous

Presentation
Official language of the symposium is English.

Abstract submission
The abstracts should be submitted to chtai@mail.npust.edu.tw

Authors should submit an abstract prepared using 12 point Times New Roman font. It must be single spaced, evenly justified across the full width of the page, and start one 12 point line space down from the Author affiliation list. The author affiliation must be italicized and not bold. Symbol font may be used for Greek letters. The abstract no more than 500 words should be a self-contained and explicit overview of the work with a clear statement of the principal conclusions reached. It should contain the following: 1. Title of paper, name of authors and affiliations 2. Background, objective, method, main findings and conclusions reached

3. Five key words
4. Optionally, one or two figures or pictures may be attached to the end of the abstract so that the readers can quickly catch images about your work.
5. Please identify the corresponding author with an asterisk and provide his/her complete address, telephone and fax numbers, and e-mail address.

Selection of papers, Proceedings, and Journal publications
Selection of papers will be a two step process through the website. After the abstracts are received and the authors are notified of the results, the selected authors will be asked to submit a full manuscript for a quick review. Final acceptance will be based on review of the full manuscript.

All accepted papers after pre-registration will be published in CD-ROM proceedings to be distributed at the symposium. For further information, please see the corresponding area on the web site or contact the executive committee chair, Dr. C.H. Tai:
chtai@mail.npust.edu.tw

Authors are recommended to submit their papers for publication to the following journals published by the Pacific Center of Thermal Fluids Engineering: Journal of Flow Visualization and Image Processing, International Journal of Rotating Machinery, International Journal of Transport Phenomena, and Journal of Mechanics in Medicine and Biology.

Deadlines
- Abstract submission: Jan. 31, 2009
- Notification of abstract acceptance: Feb. 28, 2009
Conference Chair
Liu, T. M., National Tsing Hua Univ. (Taiwan, ROC)

Conference Co-Chair
Tai, C.H., National Pingtung Univ. of Science and Technology (Taiwan, ROC)
Kuhn, K.D., Univ. of Tennessee (USA)

Honorary Advisory Board
Yang, W. J., Univ. of Michigan (USA)
Mochizuki, S., Tokyo Univ. of A.&T. (Japan)
Kobayashi, T., JARI (Japan)
Prenel, J. P., Franche-Comte Univ. (France)
Milton, B., Univ. of New South Wales (Australia)
Iguchi, Manabu, Hokkaido Univ., (Japan)

International Steering Committee (Tentative)
Aoki, T., Tokai Univ., (Japan)
Carlomagno, G. M., Univ. Degli Studi di Napoli, (Italy)
Chang, K.C., Chung-Shan Inst. Sci. & Tech. (Taiwan, ROC)
Chen, H.C. Texas A&M Univ., (USA)
Doh, D.H., Korea Maritime Univ., (Korea)
Gostelow, J. P., Univ. of Leicester, (UK)
Hassan, Y. A., Texas A&M Univ., (USA)
Hiroyasu, H., Kinki Univ., (Japan)
Hsu, C.T., Hong Kong Univ. of Science and Tech, (Hong Kong)
Hwang, H.H., National Cheng Kung Univ. (Taiwan, ROC)
Inoue, M., Komatsu Electric Co., (Japan)
Ishizuka, M., Toyama Prefectural Univ., (Japan)
Inoue, M., Komatsu Electric Co., (Japan)
Jezeck, J., Czech Technical Univ. in Prague, (Czech Republic)
Jonsson, P., KTH, (Sweden)
Kameda, M., Tokyo Univ. of A.&T., (Japan)
Kasagi, N., Univ. of Tokyo, (Japan)
Kimura, I., Osaka Electro-Communication Univ., (Japan)
Kobayashi, K., Meiji Univ., (Japan)
Kompenhans, J., DLR, (Germany)
Lee, L.C., NSC, (Taiwan, ROC)
Lin, R.Y., Kaohsiung City Government (Taiwan, ROC)
Marto, P. J., National Poetgraduate School, (USA)
Maruyama, S., Tohoku Univ., (Japan)
Merkirch, W., Univ. Essen, (Germany)
Miao, J.M., National Defense Univ. (Taiwan, ROC)
Miau, J.J., National Cheng Kung Univ. (Taiwan, ROC)
Munakata, T., AIST, MITI, (Japan)
Murata, A., Tokyo Univ. of A.&T., (Japan)
Nishino, K., Yokohama National Univ., (Japan)
Ohmi, K., Osaka Sangyo Univ., (Japan)
Ohtoe, H., Musashi Inst. of Tech., (Japan)
Okamoto K., Univ. of Tokyo, (Japan)
Reznicek, R., Czech Technical Univ., (Czech Republic)
Settles, G.S., (USA)
Shih, T.J.P., Iowa State Univ., (USA)
Someya, S., Univ. of Tokyo, (Japan)
Soong, C.Y., Feng Chia Univ., (Taiwan, ROC)
Stastieck, J., Gdansk Univ. of Technology, (Poland)
Takei, M., Nihon Univ., (Japan)
Tsugimoto, Y., Osaka Univ., (Japan)
Uemura, T., Kansai Univ., (Japan)
Umeda, S., Fukuyama Univ., (Japan)
Watanabe T., Univ. of Tokyo, (Japan)
Winoto, S.H., National Univ. of Singapore, (Singapore)
Yan, W.M., Huafan Univ. (Taiwan, ROC)
Yoo, J.Y., Seoul National Univ., (Korea)
Znamenskaya, I., Moscow State Univ., (Russia)

Executive Committee (Tentative)
Ayu, H.C., National Kaohsiung Univ. Applied Sci. (Taiwan ROC)
Chang, C.L., Nat. Pingtung Univ. Sci. & Tech. (Taiwan, ROC)
Chang, S.W., National Kaohsiung Marine Univ. (Taiwan, ROC)
Chao, Y.C., National Cheng Kung Univ. (Taiwan, ROC)
Chen, C.H., National Chiao Tung Univ. (Taiwan, ROC)
Chen, J.C., National Central Univ. (Taiwan, ROC)
Chen, P.H., National Taiwan Univ. (Taiwan, ROC)
Chen, Y.S., National Space Organization (Taiwan, ROC)
Chu, C.C., National Taiwan Univ. (Taiwan, ROC)
Fu, L.M., National Pingtung Univ. Sci. & Tech. (Taiwan, ROC)
Huang, R.F., National Taiwan Univ. of Sci & Tech. (Taiwan ROC)
Hwang, H.H., National Cheng Kung Univ. (Taiwan, ROC)
Gao, C.H., Chung-Shan Inst. Sci. & Tech. (Taiwan, ROC)
Leong, J.C., National Pingtung Univ. Sci. & Tech. (Taiwan, ROC)
Lin, C., National Chung Hsing Univ. (Taiwan, ROC)
Liu, D.C., Chung-Shan Inst. of Sci. & Tech. (Taiwan, ROC)
Miao, J.M., National Defense Univ. (Taiwan, ROC)
Miau, J.J., National Cheng Kung Univ. (Taiwan, ROC)
Pan, C., National Tsing Hua Univ. (Taiwan, ROC)
Shen, C.Y., Nat. Center High-Performance Comp. (Taiwan, ROC)
Soong, C.Y., Feng Chia Univ. (Taiwan, ROC)
Sun, W.Y., Nat. Center High-Performance Comp. (Taiwan, ROC)
Tai, C.H., National Pingtung Univ. of Sci. & Tech. (Taiwan, ROC)
Teng, J.T., Chung Yuan Christian Univ. (Taiwan, ROC)
Tsai, C.H., National Pingtung Univ. Sci. & Tech. (Taiwan, ROC)
Wang, A.B., National Taiwan Univ. (Taiwan, ROC)
Wang, L.W., Yuan-Ze Univ. (Taiwan, ROC)
Wen, C.Y., National Cheng Kung Univ. (Taiwan, ROC)
Yang, L.J., Tamkang Univ. (Taiwan, ROC)
Yang, R.J., National Cheng Kung Univ. (Taiwan, ROC)

Registration
It includes a copy of abstracts book, CDROM proceedings, welcome reception, coffee breaks, banquet admission, and a one-day city tour to the city of Kaohsiung.

Payment should be made in US dollar (US$).

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student</td>
<td>300</td>
</tr>
<tr>
<td>Regular</td>
<td>500</td>
</tr>
<tr>
<td>Late or On-Site</td>
<td>600</td>
</tr>
<tr>
<td>Accompanying spouse*</td>
<td>100</td>
</tr>
</tbody>
</table>

* banquet admission, welcome cocktail and a one-day city tour
(After submitting a paper, one of the authors is required to present the paper at the symposium.)

Venue and Travel Information
The Symposium will be held at The SPLENDOR Kaohsiung. Kaohsiung City can be reached by Taiwan High Speed Rail or domestic airline from Taipei. For further information about the Symposium site, please visit:
http://www.thesplendor-khh.com

Geographical Information