

ISCM III - CSE II

**Third International Symposium on
Computational Mechanics
in conjunction with
Second Symposium on Computational
Structural Engineering**

December 5-7, 2011, Taipei, Taiwan

Edited by

**Yeong-Bin Yang
Liang-Jenq Leu
Chuin-Shan David Chen**

National Taiwan University

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Preface

This conference held here on December 5-7, 2011 at the National Taiwan University, Taipei is a joint conference for the International Symposium on Computational Mechanics (ISCM) and International Symposium on Computational Structural Engineering (CSE). The objectives of ISCM III-CSE II are to discuss the latest development and application of computational methods in all aspects of engineering and science with a special emphasis on mechanics.

When counted from the side of the ISCM, this conference is the third in the sequence organized by the International Chinese Association for Computational Mechanics (ICACM), of which Prof. Mingwu Yuan has been the President. The first ISCM was held under the effort of Prof. Yuan in Beijing in 2007. Following the first successful meeting, the ICACM board decided to hold the ISCM every two years. The second ISCM was held in Hong Kong and Macau in 2009 in collaboration with EPMESC XII by Prof. Andrew Leung of City University of Hong Kong and Prof. Vai Pan Iu of University of Macau. The aim of the ISCM is to bring together scientists in the mechanics community to exchange the latest ideas of researches through the symposium.

On the other hand, the first International Symposium on Computational Structural Engineering (abbreviated as CSE) was held in Shanghai in 2009, co-organized by Tongji University and Vienna University of Technology. The aim of CSE is to provide a forum for scientists, developers, and engineers to review novel research findings, to assess the suitability of new models, and to evaluate the robustness of advanced computational methods for investigation of the life-cycle of structures.

Judging from the fact that the ISCM and CSE have some overlapping in topics and participants, we therefore decide to have a joint conference for them. The following are some statistics for this joint conference ISCM III - CSE II. We have received over 300 abstracts, among which only about 250 papers are accepted for presentation during the three days of meetings, including 5 plenary lectures and 6 semi-plenary lectures. The estimated number of total participants is around 300, coming from 19 countries and regions, including Austria, Australia, Brazil, Germany, Greece, India, Indonesia, Iran, Japan, Korea, Netherlands, Singapore, Slovakia, U.K., U.S.A., Vietnam, Taiwan, Hong Kong and Mainland China.

One of the biggest events in this conference is the organization of the Minisymposium in Honor of the 70th Birthday of Prof. Herbert A. Mang, former President of the Austrian Academy of Sciences and professor of Vienna University of Technology. As you may know, Prof. Mang was a key person in organizing the first CSE in Shanghai. We are very pleased to announce that we have received quite a good number of papers for this minisymposium.

The organizer of this conference is International Chinese Association for Computational Mechanics (ICACM), and the local organizer is National Taiwan University. The supporting and sponsoring organizations for this conference include:

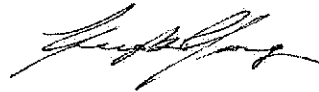
National Science Council (NSC), National Yunlin University of Science and Technology (YunTech), Society of Theoretical and Applied Mechanics (STAM), Taiwan, National Center for Research on Earthquake Engineering (NCREE), and Association of Computational Mechanics Taiwan (ACMT).

I would like to thank Prof. Herbert A. Mang, academician of Austrian Academy of Sciences, and Prof. Jun-Zhi Cui, academician of Chinese Academy of Engineering for serving as the Honorary Chairmen of the conference. I also thank Prof. Mingwu Yuan for taking the responsibility with me as the Conference Chairmen.

The Organizing Committee is chaired by Prof. Liang-Jeng Leu, Chairman of the Department of Civil Engineering, National Taiwan University, and Prof. Chuin-Shan David Chen, from the same department. I believe most of the participants have received a number of e-mails from David in the past few months. To David and his efficient working team, I would like to express my deepest appreciation.

On behalf of the ISCM III-CSE II, I would like to express my warmest welcome to all of you the participants coming from different parts of world. It is because of your facial presence here in Taipei that this conference has become a reality. I like to recall the saying by the Chinese great educator Confucius some 2,600 years ago: “To receive friends coming from afar is the most pleasing thing in life!” I share the same kind of feeling at this moment.

I wish every participant a very pleasant stay in Taipei and this conference a great success!



Yeong-Bin Yang
Conference Chairman, ISCM III-CSE II

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Nam Mai-Duy

From: YuanTong Gu [yuantong.gu@qut.edu.au]
Sent: Monday, 19 September 2011 9:11 AM
To: Nam Mai-Duy
Subject: Invitation of Keynote speaker in Minisymposium in ISCM III

19 May 2011

Re: Invitation of keynote speaker

Minisymposium's Name: Smoothed, Particle, Meshfree and Other Innovative Numerical Methods
Organizers: A/P YT Gu, Prof. MB Liu, Prof. GR Liu

Dear Professor Mai-Duy,

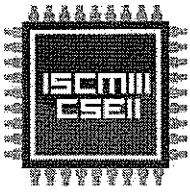
How are you?

On behalf of organizers for our Minisymposium in the Third International Symposium on Computational Mechanics (ISCM III), I am pleased to invite you as a keynote speaker in this minisymposium in ISCM III. I have officially noticed these invitations to the conference chair. We hope you will accept this invitation and look forward to personally greeting you at Taipei in Dec 2011.

Best regards
YuanTong

Yuantong GU (Ph. D.)

Associate Professor, School of Engineering Systems,
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Third International Symposium on Computational Mechanics (ISCM III)
Second Symposium on Computational Structural Engineering (CSE II)

5-7 December, 2011, Taipei
<http://iscm3.caece.net/>

Contact: Secretariat General
Prof. C. S. David Chen (dchen@ntu.edu.tw)

July 25, 2011

Subject: Paper Acceptance: ISCM III-CSE II

Dear Prof. Nam MAI-DUY,

We are pleased to inform you that your paper submitted to The Third International Symposium on Computational Mechanics (ISCM III) in conjunction with the Second Symposium on Computational Structural Engineering (CSE II) has been accepted.

Paper ID: 34_76

Author: Nam MAI-DUY and Thanh TRAN-CONG

Title: Compact local approximations employed with integrated RBFs for second-order elliptic differential equations

We would like to remind you that each presenter will be limited to one talk (except for plenary and semi-plenary speakers). Early registration before September 15, 2011 is highly recommended.

We look forward to seeing you at ISCM III- CSEII.

Sincerely Yours,

Y.B. YANG
Conference Chairman
President, Yunlin University of
Science and Technology
Distinguished Professor, Department
of Civil Engineering, Taiwan
University

L.J. Leu
Organizing Committee
Chairman, Department of Civil
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