

**Joint International Conference
on
Trefftz Method VII
and
Method of Fundamental Solutions III**

**Zhejiang University
Hangzhou, China
October 11-13, 2015**

In conjunction with

**第十一届全国工程计算方法学术会议
第5届亚太国际工程中计算方法学术会议
(ICOME2015)**



Trefftz/MFS 2015

Joint International Conference on Trefftz Method and Method of Fundamental Solutions

Zhejiang University, Hangzhou, China

Conference Date: October 11-13, 2015

Sponsored by: Zhejiang University of Technology

<http://???>

Conference Scope

Trefftz method, method of fundamental solutions, and method of particular solutions belong to a class of numerical methods that utilize special solutions of partial differential equation, such as general solutions, fundamental solutions, and particular solutions, as basis functions. The purpose is to reduce the discretization dimension of the numerical solution system from that of the domain to that of the boundary. These, and other similar methods, can be called the boundary collocation methods. These methods are generally “meshless”, that is, without the element for integration, which is required by methods such the finite element method. Although these boundary methods have a long history of development, there seems to be a recent resurgence in their popularity. By this Joint Workshop, we hope to bring together the communities of applied mathematicians and engineering researchers to share information and to seek collaboration in the development and application of these methods.

Conference Themes

Trefftz method, method of fundamental solutions, method of particular solutions, boundary collocation methods, combined and hybrid methods, boundary element method, boundary integral equation method, Green’s function, boundary node method, radial basis function method, meshless methods, and other related methods.

Conference Chairs

Trefftz:

Wen Chen (陳文), Hohai University, China

Ismael Herrera, National Autonomous University of Mexico, Mexico

Boyang Ding (丁伯阳), Zhejiang University of Technology, China

MFS:

C.S. Chen (陳清祥), University of Southern Mississippi, USA

Andrea Karageorghis, University of Cyprus, Cyprus

Antonio Tadeu, University of Coimbra, Portugal

Plenary Speakers

(To be determined)

Scientific Committee

Carlos Alves (Portugal)

Jeng-Tzong Chen (Taiwan)

Alexander Cheng (USA)

Graeme Fairweather (USA)

Chia-Ming Fan (Taiwan)

J.A. Teixeira de Freitas (Portugal)
Zhuojia Fu (Hohai University)
Wataru Fujisaki (Japan)
Csaba Gaspar (Hungary)
Krzysztof Grysa (Poland)
Benny Hon (Hong Kong)
Chieh-Sen Huang (Taiwan)
Tongsong Jiang (China)
Eisuke Kita (Japan)
Jan Kolodziej (Poland)
Vladimir Kompis (Slovakia)
Vitor Leitao (Portugal)
Ming Li (China)
Daniel Lesnic (United Kingdom)
Zi-Cai Li (Taiwan)
Leevan Ling (Hong Kong)
Chein-Shan Liu (Taiwan)
Gui-Rong Liu (USA)
Tzon-Tzer Lu (Taiwan)
Paul A. Martin (USA)
Edward Maunder (United Kingdom)
Bert Pluymers (Belgium)
Henry Power (United Kingdom)
Q.H. Qin (Australia)
Palghat A. Ramachandran (USA)
Bozidar Sarler (Slovenia)
Robert Schaback (Germany)
Chang Shu (Singapore)
Jan Sladek (Slovakia)
Vladimir Sladek (Slovakia)
T. Tran-Cong (Australia)
Chia-Cheng Tsai (Taiwan)
Anita Uściłowska (Poland)
Haitao Wang (Tsinghua University)
Ting Wei (China)
Pihua Wen (United Kingdom)
Zongmin Wu (China)
Zhenhan Yao (China)
Frank Young (Taiwan)
De-Hao Yu (China)
Andrzej Zieliński (Poland)

Local Committee

Important Dates

- (a) Abstract Due:
- (b) Paper Due (not required):

(c) Conference Dates: October 11-13, 2015

Conference Proceedings/Journal Special Issue

- Abstracts, short and full length papers are accepted.
- A booklet of conference program and abstracts will be published on conference date.
- Abstracts and papers will be published in a CDROM or memory stick on conference date.
- Journal special issues: Journal special issues may be organized through arrangement with publishers.

Conference History

International Workshop on the Trefftz Method

- First: Cracow, Poland, 1996.
- Second: Sintra, Portugal, 1999.
- Third: University of Exeter, UK, 2002.
- Fourth: University of Zilina, Slovakia, 2005.
- Fifth: Katholieke Universiteit Leuven, Belgium, 2008.
- Sixth: National Sun Yat-Sen University, Taiwan, 2011.

Workshop on Method of Fundamental Solutions

- First: Ayia Napa, Cyprus, 2007.
- Second: National Sun Yat-Sen University, Taiwan, 2011.

Contact person

Hangzhou, China

http://www.youtube.com/watch?v=A_4NKWcezic&feature=Playlist&p=82327AF169DC80FF&index=0&playnext=1