

About ICCM

The ICCM is an international conference providing an international forum for exchange ideas on recent advances in areas related to computational methods, numerical modelling & simulation, as well as their applications in engineering and science. It will accommodate presentations on a wide range of topics to facilitate inter-disciplinary exchange of ideas in science, engineering and related disciplines, and foster various types of academic collaborations.

The conference series were originated in Singapore in 2004 by Professor GR Liu, followed by ICCM2007 in Hiroshima, Japan, ICCM2010 in Zhangjiajie, China, ICCM2012 in Gold Coast, Australia, ICCM2014 in Cambridge, England, and ICCM2015 at Auckland, New Zealand. We are looking forward to seeing you at ICCM2016 at Berkeley, CA, USA.

Contact Us

Conference Chairman:

Dr. Shaofan Li, Professor of Applied Mechanics

Phone - (510) 642-5362

FAX - (510) 643-8928

E-mail - shaofan@berkeley.edu

Conference Secretary:

Ms. Joanne Wang

E-mail: iccmdesk@gmail.com

Conference web site: <http://www.sci-en-tech.com/ICCM2016/>



Conference web site: <http://www.sci-en-tech.com/ICCM2016/>

Welcome

The 7th International Conference on Computational Methods (ICCM2016) will be held in Berkeley, CA, USA from August 1st-4th 2016. The organization team would like to welcome all scholars worldwide working on computational mechanics and numerical modelling to exchange breakthrough and ideas on the latest research in areas related to computational methods, numerical modelling & simulation, as well as their applications in engineering and science.

Themes

The central Theme of ICCM is

- Develop Computational Methods for everything
- Apply Computational Methods to everywhere

The scope of ICCM 2016 will be broad, covering theory, algorithm, programming, coding, numerical simulation, High Performance Computing techniques, error and uncertainty analysis and/or novel applications of computational techniques to problems in engineering, science, and other disciplines related to computations. Topics include but not limited to:

- Computational mechanics for solids and structures
- Computational Fluid dynamics
- Computational heat transfer
- Computational mathematics
- Computational biology
- Computational meso/micro/nano Mechanics
- Computational uncertainties
- Meshless/Meshfree/Particle methods
- Advanced finite element/difference/volume methods
- Boundary element methods
- Molecular and quantum methods
- Computational Rheology
- Multi-scale methods
- Inverse problem
- Optimization
- Health monitoring
- Uncertainty analysis
- Validation and verification
- Development of software for numerical simulation
- Computational techniques for applications in engineering, science, and other disciplines
- High-performance computing techniques
- Data intensive computing techniques
- Others



Call for paper

Authors are invited to submit papers on any of the above or related topics. All papers accepted for publication in the proceedings will be subject to a full peer review. Only paper registered and presented at the ICCM2016 will be included in the Proceedings. A number of papers will be selected and invited to be developed into a full journal paper for publication in special issues in international journals.

Important dates*

Registration Start on:	Oct. 15th, 2015
Mini-symposium (MS) title submission due:	Nov. 31st, 2015
Deadline for submitting abstracts or papers:	Mar., 15th, 2016
Notification of acceptance of abstracts or papers:	Mar. 31st, 2016
Deadline for Early-Bird payment:	Apr. 31st, 2016
Deadline for Regular payment:	May 31st, 2016
Deadline for submitting final revised abstracts or papers:	May 31th, 2016
Deadline for registration for on-site payments:	Jun. 15th, 2016
Conference Dates:	Aug. 1st-4th, 2016

*subject to change

Conference web site: <http://www.sci-en-tech.com/ICCM2016/>