

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, and ICCM2014 in Cambridge, England. We are looking forward to seeing you all in ICCM2015 in Auckland, New Zealand.

Contact Us

Conference Chairman:

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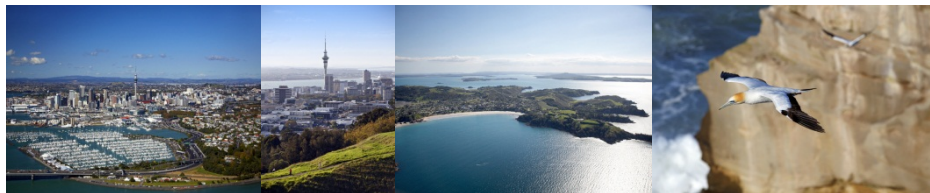
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ICCM-2015

**6th International Conference on
Computational Methods (ICCM2015)**

July 14-17, 2015, Auckland, New Zealand
<http://www.sci-en-tech.com/ICCM/>

Organizer
University of Auckland

Conference Chairman
Raj Das

Honorary Chairmen
G.R. Liu
Mingwu Yuan

ICCM2015, July 14-17th, Auckland, NZ

Auckland city skyline at night.

Welcome

The 6th International Conference on Computational Methods (ICCM2015) will be held in Auckland, New Zealand from 14 to 17 July 2015. 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 scope of ICCM 2015 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 ICCM2015 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 of SCI and/or EI journals.

Deadlines*

Registration Start on September 15, 2014

Minisymposium title submission due October 25, 2014

Deadline for submitting abstracts or papers March 15, 2015

Notification of acceptance of abstracts or papers March 31, 2015

Deadline for early-bird payment April 15, 2015

Deadline for regular payment May 15, 2015

Deadline for submitting final revised abstracts or papers May 15, 2015

Deadline for registration for on-site payments May 31, 2015

Conference dates July 14-17, 2015

**subject to change*

Updated Information

Updated information on technical sessions, keynote and invited lectures, registration fees, paper preparation, accommodations and other related affairs will be posted on the conference web site:

<http://www.sci-en-tech.com/ICCM2015/>

Location

New Zealand is well-known for its magnificent natural beauty. Auckland is the largest city in New Zealand and has been consistently rated as one of most liveable cities in the world. It is well connected to major cities by direct flights.

Visiting the beautiful city and surrounding landscape will provide a unique and unforgettable experience (<http://www.aucklandnz.com/>, <http://www.tourism.net.nz/>).

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Conference Chairman

Raj Das	The University of Auckland, New Zealand
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Honorary Chairmen

Gui Rong Liu	University of Cincinnati, USA
Mingwu Yuan	Peking University, China

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Mingwu Yuan	Peking University, China
Moubin Liu	Institute of Mechanics, Chinese Academy of Sciences, China
Muneo Hori	University of Tokyo, Japan
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OhJoon Kwon	KAIST, South Korea
Perumal Nithiarasu	Swansea University, UK
Prasad Potluri	University of Manchester, UK
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