

SUPPORTING ORGANIZATIONS**Academic Organizations and Research Institute**

- ◇ Center for Advanced Life Cycle Engineering, University of Maryland
- ◇ College of Mechanical aEngineering and Applied Electronics Technology, Beijing University of Technology
- ◇ Department of Civil Engineering, The University of Hong Kong
- ◇ Department of Mechanical Engineering, The University of Hong Kong
- ◇ Department of Industrial and Systems Engineering, The Hong Kong Polytechnic University
- ◇ Department of Industrial Engineering and Logistics Management, The Hong Kong University of Science and Technology
- ◇ Department of Industrial and Manufacturing Systems Engineering, The University of Hong Kong
- ◇ Institute of Digital China-Peking University
- ◇ Lab of Science and Technology on Integrated Logistics Support, College of Mechatronics Engineering and Automation, National University of Defense Technology
- ◇ Smart Engineering Asset Management Laboratory, City University of Hong Kong

Professional Organization

- ◇ ASME Hong Kong Section
- ◇ Building Services Operation and Maintenance Executives Society
- ◇ Chartered Institution of Civil Engineering Surveyors (Hong Kong Branch)
- ◇ Chartered Institute of Housing Asian Pacific Branch
- ◇ China Guang Dong Society for Trenchless Technology
- ◇ Drainage Services Department, HKSARG
- ◇ Electrical and Mechanical Services Department, HKSARG
- ◇ Engineering Doctorate Society
- ◇ Engineers Australia - Hong Kong Chapter
- ◇ Hong Kong Association of Energy Engineers
- ◇ Hong Kong Polytechnic University Electrical Engineering Alumni Association
- ◇ Hong Kong Productivity Council
- ◇ Hong Kong Quality Assurance Agency
- ◇ Institute of Systematic Innovation
- ◇ Institution of Mechanical Engineers- HK Branch
- ◇ International Facility Management Association
- ◇ Production and Operations Management Society (POMS), Hong Kong Chapter
- ◇ The Chartered Institute of Building - Hong Kong Branch
- ◇ The Chartered Institute of Logistics & Transport in Hong Kong
- ◇ The Hong Kong Institute of Facility Management
- ◇ The Hong Kong Institution of Engineering Surveyors
- ◇ The Hong Kong Institution of Engineers, Manufacturing and Industrial Division
- ◇ The Hong Kong Institution of Engineers, Safety Specialist Committee
- ◇ The Hong Kong Institution of Plumbing and Drainage Limited
- ◇ The Institute of Measurement and Control - HK section
- ◇ The Society of Operations Engineers (Hong Kong Region)

Industrial Sector and Company

- ◇ Construction Industry Council
- ◇ Platinum

Media Partner

- ◇ GTC Infrastructure Publishing

EXHIBITION

A trade exhibition will be held during the Congress providing organizations with the opportunity to promote their latest products and services. Please contact the Congress Secretariat for further information.

**HOSTING ORGANIZATIONS**

- ◆ International Society of Engineering Asset Management (ISEAM)
- ◆ Cooperative Research Centre for Infrastructure and Engineering Asset Management (CIEAM)
- ◆ Community and Construction Professionals' Development Centre (CCPDC)
- ◆ Hong Kong Institute of Utility Specialists (HKIUS)
- ◆ Department of Systems Engineering and Engineering Management (SEEM), City University of Hong Kong (CityU)
- ◆ Centre for Systems Informatics Engineering (CSIE), (CityU)

CONGRESS COMMITTEE

Congress Chair: Ir Dr. King WONG (CCPDC, Hong Kong)

Co-Chairs: Prof. Kwok Leung TSUI (SEEM and CSIE, Hong Kong)

Prof. Joseph MATHEW (CIEAM, Australia) (General Chair, WCEAM)

Ir Dr. Louis LOCK (CCPDC, Hong Kong)

ORGANIZING COMMITTEE

Chair: Ir Dr. Peter W. TSE (SEEM and CSIE, Hong Kong)

Co-Chairs: Prof. Lin MA (Queensland University of Technology, Australia)

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Dr. C.N. KO (CCPDC, Hong Kong)

Mr. Paul TSUI (HKIUS, Hong Kong)

CONGRESS SECRETARIAT

MCI Hong Kong

Suites 2807-9, 28/F., Two Chinachem Exchange Square, 338 King's Road, North Point, Hong Kong

Tel: (852) 2911 7930 Fax: (852) 2570 8185

E-mail: wceam2013@mci-group.com

Web: www.wceam.com & www.wceam2013.com

2nd Announcement

WCEAM
World Congress on
Engineering Asset Management



The 8th World Congress on Engineering Asset Management (2013)

and

The 3rd International Conference on Utility
Management & Safety (2013),

30th October - 1st November, 2013
**Hong Kong Convention and Exhibition
Centre (HKCEC)**

Hong Kong, China

www.wceam2013.com

KEY DATES

Submission of Abstract:	30th April 2013
Full papers received:	30th June 2013
Notification to authors of final acceptance by:	31st July 2013
Final Paper Submission Consent to Publish	
Deadline and Speaker Registration:	31st August 2013

INVITATION TO ATTEND

The 8th World Congress on Engineering Asset Management (WCEAM 2013) will be held in Hong Kong, PR China.

WCEAM (World Congress on Engineering Asset Management) is an initiative of the Cooperative Research Centre for Infrastructure and Engineering Asset Management (CIEAM) based in Brisbane, Queensland, Australia and is the annual meeting of the ISEAM (International Society of Engineering Asset Management) that originated from a biennial series of the ACSIM (Asia-Pacific Conference on Systems Integrity and Maintenance) which ended in 2005.

WCEAM attracts eminent academics, industry practitioners and research scientists from around the world. These researchers and professionals convene to present their cutting-edge work and findings, as well as share project experiences and best practices. The ultimate goal of the Congress is to advance the body of knowledge in Engineering Asset Management (EAM), strengthen the link between industry practitioners, academia and technology providers, promote the development and application of research, and showcase state-of-the-art technologies. This congress expects to attract over 300 diverse attendees from around the world.

Hong Kong is a special administrative region of China. With rapid development and technological breakthroughs in the commercial, industrial and service sectors, Hong Kong has become one of the world's leading financial, industrial and tourist centres. Experience Hong Kong's rich multicultural and Chinese traditions that live harmoniously amidst a modern society.

The congress program consists of invited keynote presentations, oral submitted presentations and poster submitted presentations. Prospective authors are requested to submit an abstract of their paper; followed by a full paper if the abstract is accepted. The final paper will be peer reviewed by a panel of international experts.

TOPICS AND APPLICATION STREAMS

This call for papers intends to draw worldwide multidisciplinary and transectoral expertise that will stimulate fresh discussion in the rapidly emerging transdisciplinary field of engineering asset management. We encourage papers from both research and industry professionals on the following topics and industry streams:

TOPICS

(EAM=Engineering Asset Management)

- Advanced maintenance strategies (RCM, CBM, RBI)
- Building services and information management
- Condition monitoring, diagnostics, and prognostics
- Data mining and statistical modeling
- Decision support and optimization methods and tools
- EAM in public utilities and buildings
- Education & training in EAM
- E-Maintenance & intelligent maintenance
- Emerging technologies and embedded sensors and devices for EAM
- Energy auditing and management
- Facilities management
- Human dimensions in integrated EAM
- Lifestyle and sustainability considerations of physical assets
- Mechanisms of fracture, fatigue and strength of solids
- Performance monitoring and management
- Planning and scheduling in EAM
- Policy, regulations, practices and standards for EAM
- Procurement and contracting in EAM
- Production and operations management
- Prognosis and health management
- Project and human resource management
- Quality and knowledge management for EAM
- Reliability modeling and prediction
- Risk management in EAM
- Safety, health and risk management in EAM
- Self-maintenance and self-recovery engineering
- Strategic asset management for sustainable business
- Structural integrity and health management
- Supply chain and logistic management

TOPICS (Cont'd)

- Sustainable and green environmental management
- Technologies for asset data management, warehousing and mining
- Utility surveys, utility condition surveys and utility management

CALL FOR PAPERS

Papers of interest to engineering asset management researchers and professionals are requested for the WCEAM 2013. All presenters will be eligible to register for the Congress at the reduced speakers' registration fee. Details about registration fees will be released in mid-2013. Each registered delegate must present his paper at the conference site prior to the publication of his paper on the proceedings. Each registered delegate can only present a maximum of two papers.

ABSTRACTS

Individuals, organizations and Institutions desiring to present papers at the Congress are encouraged to submit an extended abstract of 300 words. Abstracts will be reviewed and accepted authors will be required to submit a full paper for peer review prior to the final submission deadline. Papers will need to be submitted online at www.wceam.com or www.wceam2013.com.

PUBLICATION

All papers accepted for the Congress will be peer reviewed and published by Springer-Verlag in the official congress electronic publications after the completion of the Congress. All proceedings published by Springer are submitted automatically to the ISI Conference Proceedings Citation Index (CPCI). Selected papers will be published in the journal of Engineering Asset Management Reviews (EAMR) published by Springer and selected scientific journals associated with the Congress. The EAMR is SCOPUS indexed and published as an e-book annually. Abstracts of all accepted papers will be included in the Congress Handbook.