

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

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



第八屆世界工程資產管理會議及第三屆國際管

30th October 2013 - 1st November 2013

www.wceam2013.com

- First joint meeting on Asset Management and Utility Safety in the Asia Pacific region

 Record of almost 300 abstracts from over 35 countries
- 20 esteemed academia & industrial keynote speakers

Cuests of Honor







Ir Dr. Hon. LO Wai-kwok, Ir WAI Chi-sing, JP BBS, MH, JP



Ir.Dr. TSE Wai-tat, Peter

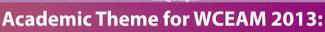
Mr. Andy HESS

Prof. David



Ir Dr. King WONG

Keynote Speakers



Systems, Informatics and Prognosis in Engineering Asset Management

(學術) - 知識工程資產管理的系統情報及預測



Professional Practices and Certification in **Engineering Asset Management**

(工業) - 知識工程資產管理 - 專業實踐及認証

Theme for ICUMAS 2013:

The Underground Assets (Utilities) Management in the New Era

地下資產(管綫)管理邁向新紀元

Earlybirdelose on 16th August 2013





















Jetrod Pipeline Consultant & En 積過營道顧問及工程有限公司







Prof. Jayan LIYANAGE

SALADINE















KOCAOGLU



Prof. Davi



TOTMAN



WOODHOUSE



Ms. FUNG

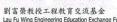
Sponsors & Contributing Organizations (Company members of HKIUS & CCPDC)











































Ir WONG

Chung-leung







麥斯迪埃城市可持續發展研究及顧問有限公司

Invitation to support the congress

Support has been received from local and international organizations including government departments, academic institutes, industrial sectors.

Sponsorship opportunities are now open for the WCEAM & ICUMAS, either as a congress sponsor or function sponsors which inclde coffee break, luncheon or gala dinner.

Details can be found at www.wceam2013.com

8th WCEAM & 3rd ICUMAS 2013: Tentative Program-at-a-glance (Updated on 17 July 2013)

30 October 2013 (Wednesday)

| Room Allocation | S221 | S222, 223, S224, S225, S226, S227, S228, S229 | Foyer |
|-----------------|---|--|----------------|
| 09:00 - 09:45 | WCEAM Opening Ceremony Official opening anno: Joe Mathew MC: Ir Dr. Peter Tse Guest-of-Honour: Ir Chi-sing WAI,JP, Development Bureau, HKSARG Guest-of-Honour: Prof. Way KUO, City University of Hong Kong Vote of thanks: Ir Dr. King Wong Lion dance Photo taking | | |
| 09:45 - 10:15 | Leading Keynote Speech 1-1 Frank Fan CHAN (Hong Kong) | | |
| 10:15 - 10:45 | Leading Keynote Speech 1-2 The Role of Evidence in Asset Management Andrew JARDINE (Canada) | | |
| 10:45 - 11:15 | Coffee Break | | |
| 11:15 - 11:45 | Leading Keynote Speech 1-3 Kwok-leung TSUI (Hong Kong) | | |
| 11:45 - 12:15 | Leading Keynote Speech 1-4 Dundar F. KOCAOGLU (United States) | | |
| 12:15 - 12:45 | Leading Keynote Speech 1-5 Is there a Need for Curricula in Engineering Asset Management? Joe AMADI-ECHENDU (South Africa) | | Poster Display |
| 12:45 - 13:15 | Leading Keynote Speech 1-6 Investigation on Technology Road Map of Health Intelligent Monitoring-Control for High End Energy and Power Machinery Jin-ji GAO (China) | | Post |
| 13:15 - 14:15 | Lunch Buffet | The second secon | |
| 14:15 – 14:45 | Keynote Speech 1-8 Significant Development Potential Exists in Applying RAMS Engineering to Probabilistic Risk Assessment and Management (PRAM) Seppo VIRTANEN (Finland) | Keynote Speech 1-7 Zili WANG (Beijing Hang, China) | |
| 14:45 - 15:15 | Keynote Speech 1-9 GIS as an Engineering Information Management System David TOTMAN (United States) | Session Keynote Speech 1-10 Niranjan SWARUP (India) Poster session | |
| 15:15 - 15:35 | Paper + poster session | Paper + poster session | |
| 15:35 - 15:55 | Paper + poster session | Paper + poster session | |
| 15:55 -16:15 | Coffee Break | | |
| 17:15 - 17:45 | 8 Paper Sessions (4 papers per session) | 8 Paper Sessions (4 papers per session) | |





第八屆世界工程資產管理會議及第三屆國際管綫管理及安全會議

30th October 2013 - 1st November 2013

8th WCEAM & 3rd ICUMAS 2013: Tentative Program-at-a-glance (Updated on 17 July 2013)

31 October 2013 (Wednesday)

| Room Allocation | S221 | S222, 223, S224, S225, S226, S227, S228, S229 |
|-----------------|---|---|
| 09:00 - 09:30 | Leading Keynote Speech 2-1 Ms. Ada Yin-suen FUNG, JP (Hong Kong) | |
| 09:30 - 10:00 | Leading Keynote Speech 2-2 Ir Chung-leung WONG (Hong Kong) | |
| 10:00 - 10:30 | Leading Keynote Speech 2-3 John WOODHOUSE (United Kingdom) | |
| 10:45 - 11:15 | Coffee Break | |
| 11:00 - 13:00 | Industrial Forum C.P. NG (CLP Power, Hong Kong); Ebbe CHOW (Towngas, Hong Kong); Stephen YU (BSI, Hong Kong); Aaron TONG (TQM, Hong Kong) | |
| 13:00 - 14:00 | Lunch Buffet | |
| 14:00 - 14:30 | Session Keynote Speech 2-4 King WONG (Hong Kong) | Session Keynote Speech 2-7 Some Perspectives on Automotive Components at Systems Health Monitoring and Prognosis Mutasim SALMAN (United States) |
| 14:30 - 15:00 | Session Keynote Speech 2-5 David HOOD (Australia) | |
| 15:00 - 15:30 | Session Keynote Speech 2-6 Reliability and Asset Management in Oil Industry Khelad OBAIA (Canada) | Session Keynote Speech 2-8 Steve SALADINE (Australia) Session Keynote Speech 2-9 |
| 15:30 - 16:00 | Coffee Break | |
| 17:00 - 17:30 | 8 Paper Sessions + Poster session (4 papers per session) | 8 Paper Sessions + Poster session (4 papers per session) |

19:00 - 22:00

Gala Dinner & Inauguration Ceremony of IIUS
ICUMAS In-congregation
WCEAM 2014 - Joe AMADI-ECHENDU (South Africa)

Visit our website!



Poster Display

Foyer





第八屆世界工程資產管理會議及第三屆國際管綫管理及安全會議

30th October 2013 - 1st November 2013

8th WCEAM & 3rd ICUMAS 2013: Tentative Program-at-a-glance (Updated on 17 July 2013)

1 November 2013 (Friday)

Foyer

| | 2 November 2020 (Friday) | | | |
|-----------------|---|---|--|--|
| Room Allocation | S221 | S222, 223, S224, S225, S226, S227, S228, S229 | | |
| 09:00 - 09:30 | Leading Keynote Speech 3-1 Intelligent Assets and Complex Operations: Reflections from the Offshore Oil & Gas Production Sector on the Lessons learnt and the Way Forward Jayantha Prasanna LIYANAGE (Norway) | | | |
| 09:30 - 10:00 | Leading Keynote Speech 3-2 Using PHM to Keep the Dreamliner in the Clouds Michael PECHT (United States) | | | |
| 10:00 - 10:30 | Leading Keynote Speech 3-3 Recent Advances in Prognostics for Next-Generation Machines and Asset Engineering Systems Jay LEE (United States) | | | |
| 10:30 - 11:00 | Coffee Break | | | |
| 11:00 - 11:30 | Leading Keynote Speech 3-4 Min XIE (Hong Kong, China) | | | |
| 11:30 - 12:00 | Leading Keynote Speech 3-5 PHM System Requirements, Development, Implementation: Lessons Learned Andy Hess (United States) | | | |
| 12:00 - 12:30 | Leading Keynote Speech 3-6 Asset Management in a Heavy Haul Railway – Essential for good business Glen MULLINS (Australia) | | | |
| 12:30 - 13:00 | Leading Keynote Speech 3-7 Dynamic Reliability Assessment for Complex Systems Hong-zhong HUANG (China) | | | |
| 13:00 - 14:00 | Lunch Buffet | | | |
| 14:00 - 15:30 | 8 Paper Sessions (4 papers per session) | 8 Paper Sessions (4 papers per session) | | |
| 15:30 - 16:00 | Coffee Break | | | |
| | 8 Paper Sessions (4 papers per session) | 8 Paper Sessions (4 papers per session) | | |

17:30 - 18:00

Closing Ceremony
Official closing anno: Prof. Joe Mathew,; MC: Ir Dr. Peter Tse
Guest-of-Honour: Ir Dr. the Hon. Wai-kwok LO, Legislative Council, HKSARG
Vote of thanks: Ir Dr. King Wong

Congress Secretariat: Tel: (852) 2911 7915; Fax: (852) 2572 9841; Email: secretariat@wceam2013.com Address: Suites 2807-9, Two Chinachem Exchange Square, 338 King's Road, North Point, Hong Kong



Almost 300 abstracts received from over 35 countries

You are invited to Join



TOPICS AND APPLICATION STREAMS

This event intends to draw worldwide multidisciplinary and transect oral expertise that will stimulate fresh discussion in the rapidly emerging trans disciplinary field of EAM & UMS. Papers from both research and industry professionals on the following topics and industry streams are going to be presented.

Production and operations management Prognosis and health management Data mining and statistical modeling Project and human resource management Quality and knowledge management for EAM & UMS EAM & UMS in public utilities and buildings Reliability modeling and prediction Education & training in EAM & UMS Risk management in EAM & UMS devices for EAM & UMS Supply chain and logistics management Planning and scheduling in EAM & UMS Sustainable and green environmental management Policy, regulations, practices and standards for EAM & UMS Procurement and contracting in EAM & UMS Building services and information management Condition Assessment on Road Surface, Building and trees E-Maintenance & intelligent maintenance Energy auditing and management Facilities management Lifestyle and sustainability considerations of physical assets

Registration Details (Early bird closes on 16th August 2013):

Mechanisms of fracture, fatigue and strength of solids

Self-maintenance and self-recovery

secretariat@wceam2013.com for arrangement.

| Registration Levels | Early-bird Rate | Normal Rate |
|---|---|---|
| Delegates | ☐ USD 750 / HKD 5,800 | ☐ USD 850 / HKD 6,600 |
| Delegates from supporting organizations | ☐ USD 630 / HKD 4,900 | ☐ USD 630 / HKD 4,900 |
| Students | ☐ USD 350 / HKD 2,700 | ☐ USD 400 / HKD 3,100 |
| Day Pass (Lunch included) | ☐ USD 300 / HKD 2,300 | ☐ USD 300 / HKD 2,300 |
| Gala Dinner only | ☐ USD 200 / HKD 1,500 | ☐ USD 200 / HKD 1,500 |
| Day Pass (Lunch not included) | ☐ USD 200 / HKD 1,500 | ☐ USD 200 / HKD 1,500 |
| Payment Method: | Grand Total: | |
| I hereby enclosed a local Hong Kong cheque (No. "Construction Professionals" Development Centre | |) made payable to |
| I hereby enclosed a bank draft (No | / Bank:/ Bank:/ Limited" (Bank Acc: NCB - 043-494-0 | _) made payable to 000-87-155) |
| Payment Method: | | 00000000 |
| Official letter of invitation will be issued upon request t | o facilitate participants' travel visa applic | cation. Please contact Congress Secretariat |

• 50% of the registration fee will be refunded upon written confirmation of cancellation received before 31 August 2013, No refund will be made

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香港大學
The University of Hong Kong
Department of Civil Engineering



