



IWHIR 2011

(Call for Papers)



The 1st International Workshop on High-speed and Intercity Railways

July 19–22, 2011

Shenzhen and Hong Kong SAR, China

INVITATION

The 1st International Workshop on High-speed and Intercity Railways (IWHIR 2011) will be held in Shenzhen and Hong Kong SAR, China from July 19 to July 22, 2011. This international workshop is organized by The Hong Kong Polytechnic University, in collaboration with the Southwest Jiaotong University, Beijing Jiaotong University, Dalian Jiaotong University, China Engineering Consultants, Inc., Zhejiang University and Tsinghua University.

Continuing the great initiatives and momentums of the rapid development in railway engineering and railway infrastructures worldwide in recent years, IWHIR 2011 aims at providing a

platform for academic scholars and practicing engineers to share knowledge and experience, to promote collaboration, and to strengthen R&D activities related to railway engineering. Engineers, scientists, professors, and students from universities, research institutes, and related industrial companies are cordially invited to submit abstracts and to participate in this forum. The technical program will include invited and contributed presentations on theoretical, numerical, and experimental work pertaining to railway engineering. Industrial visit will also be arranged.

THEMES

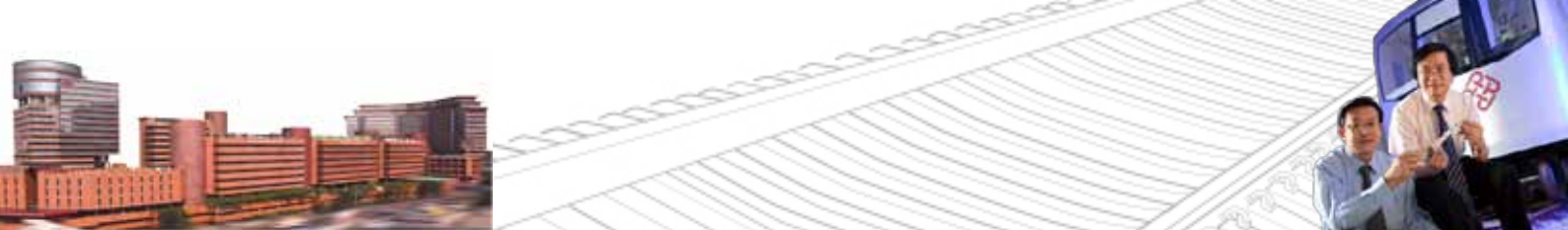
The workshop will include all fundamental, applied, and engineering aspects of railway engineering. Topics may include, but not limited to, the following areas:

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| <ul style="list-style-type: none">• Signaling Systems• Interoperability / Interchangeability• Power Supplies• Power Electronics and Drives• Safety and Security• Electromagnetic Compatibility• Communication Systems• RFID / Smart Cards• Ultra-wideband Systems• Remote Sensing• Maglev Technologies• Rolling Stocks• Systems Engineering | <ul style="list-style-type: none">• Instrumentation and Measurement Techniques• Smart Antennas, Phased and Active Arrays• Station / Train Compartment Propagation and Channel Characterization• Advanced Materials• Sensor, Actuator, and Transducer Technologies• Condition / Structural Health Monitoring• Infrastructure• Station / Depot Design• Light / Medium / High Capacity Railways• High Speed Rails | <ul style="list-style-type: none">• RAMS• Energy Management• Control Systems and OCC• Computer Simulation• Traffic Management• Scheduling and Timetabling• Software Engineering• Intelligent Transit Systems• Maintenance and Condition Monitoring• Automatic Fare Collection• Railway Project Management• Railway Systems – Case Studies |
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IMPORTANT DATES

- Submission of Abstract: June 1, 2011
- Notification of Acceptance: June 15, 2011
- Registration Period: April 28 - June 30, 2011
- Submission of Full Paper: during the Workshop
- Workshop : July 19–22, 2011





WORKSHOP LANGUAGE

The abstract, full paper and PPT should be in English while the oral presentation can be either in English or Chinese.

ABSTRACT SUBMISSION AND PUBLICATION

Participants to present papers shall submit a 300-word abstract by June 1, 2011. The abstract should be submitted preferably by e-mail to the Secretariat : Dr Timothy Xiao-wei Ye. Email : cexweye@polyu.edu.hk. The presenter must be one of the authors and a registered workshop participant. At least one author should register to assure the publication of the paper in the workshop proceedings. Abstracts should include title of the paper, authors, affiliations, abstract body, and area of interest. The name of

the person who is to present the paper shall be underlined and the full contact information should be included. The one-page abstract should be submitted in MS Word format. All accepted papers will be included in the workshop proceedings which will be made available to all registered participants in three months' time after the workshop. The proceedings will be indexed by Ei Compendex.

SUBMISSION FORMAT

Please download the following from the website : www.polyu.edu.hk/cmao/IWHIR

- Reply Slip for Paper Submission
- Sample Paper
- Abstract Template

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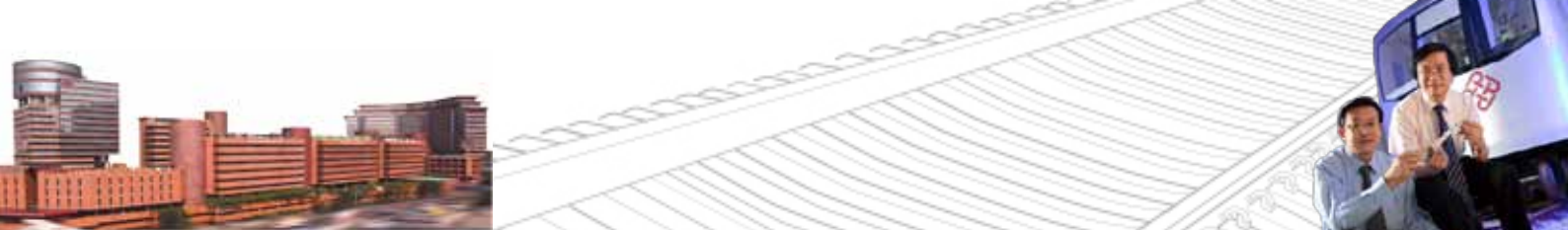
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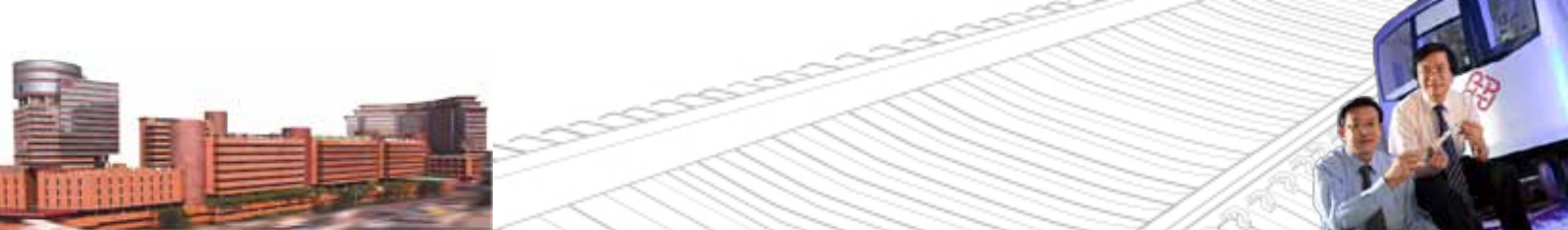
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