



**RAILWAY & HARBOUR DIVISION**



# **SAICE RAILWAY AND HARBOUR SYMPOSIUM 2015**

**Theme:**

***BUILDING ON OUR INFRASTRUCTURE HERITAGE***

**26th & 27th May 2015**

**Venue: Sanlam Auditorium, University of Pretoria**

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***SECOND ANNOUNCEMENT AND CALL FOR PAPERS***

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## **INVITATION**

The SAICE (South African Institution of Civil Engineering) Railway and Harbour Division is dedicated to the pursuit of excellence in railway and harbour operations, engineering, maintenance and technology in South Africa. It strives to accomplish this mission through the acquisition of knowledge by organising regional forums and events. A biennial symposium is being organized for 2015 with the theme "Building on our Infrastructure Heritage".

On behalf of the Railway and Harbour Division Committee, we would like to invite you to attend, participate and/or present a paper in the SAICE Railway and Harbour Symposium that will take place in May 2015, specific dates to follow shortly, at the University of Pretoria, Sanlam Auditorium.

Local and invited international experts and decision makers in the field of railway and harbour engineering will gather to present and discuss recent advances in the field. Participants will have the opportunity to exchange information, ideas and innovations with people working in the many interdisciplinary fields aligned with railway and harbour technology.

The forum offers an important opportunity to present research results and to network and share experiences with leading researchers, policy-makers and representatives from industry.

## **RANGE OF TOPICS**

### **Railways**

- Long-term capacity and future development projects
- Vehicle/track Interaction
- Wheel/rail interface analysis, optimisation and management
- Safety and derailment prevention
- Condition monitoring
- Track maintenance
- Track components and performance
- Special track work
- Track geometry and maintenance management
- Increasing axle loads on existing infrastructure
- Bridges, tunnels and other structures
- Construction and maintenance standards
- OHTE Developments
- Train Control Systems
- Technology Development in Track Materials

### **Harbours**

- Harbour development
- Hydraulics and wave principles
- Breakwaters, Seawalls and Revetments

- Marine Concrete and other building materials
- Dry docks
- Environment and Legislation

## **SUBMISSION OF ABSTRACTS**

Authors are invited to submit an abstract in English to be considered for an oral or poster presentation at the Symposium. Abstracts must be submitted via e-mail only to the secretariat (see contact details below). **Submission of abstracts is mandatory. Only papers for which abstracts have been submitted will be considered.**

Only abstracts adhering to the following requirements will be considered.

- Abstracts outline:
  - Abstract title
  - Author name(s) and institutions
  - Abstract body limited to one (1) page
- Brand names may not be used in abstract titles and are limited to one reference within the body

All abstracts will be reviewed by the Technical Committee. Abstracts will be accepted or rejected at the discretion of the Technical Committee.

If your abstract is accepted for an oral or poster presentation, a full paper will be required by the deadline as indicated below.

## **TIMETABLE**

Abstract submission deadline:	15 November 2014	<b>(Extended to 12/12/14)</b>
Notice of acceptance:	20 January 2015	
Deadline for final papers:	5 March 2015	
Review and final acceptance:	25 April 2015	
Electronic Submission due date	1 May 2015	

## **TECHNICAL COMMITTEE**

Dr Francois Heyns

Prof Hannes Gräbe  
Johan de Koker  
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**SECRETARIAT**

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**CO-ORDINATOR**

Christopher Campbell (Chair Symposium Committee)

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