

The First International Conference on Railway Technology:

Research, Development and Maintenance

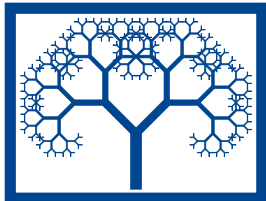
18-20 April 2012

Las Palmas de Gran Canaria, Spain



Call-for-Papers





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The First International Conference on Railway Technology: Research, Development and Maintenance

18-20 April 2012 - Las Palmas de Gran Canaria, Spain

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Introduction

Railways have always played a significant role in the development of the wealth creation capabilities of society. The early roman wagonways, the steam driven railways during the industrial revolution and the electric railways of the late nineteenth and twentieth century are just a few of the railway systems that have played a vital role in past infrastructure development. The search for a fast, reliable and cost effective means of transport that presents better energy efficiency and less impact on the environment has resulted in renewed interest and rapid development in railway technology.

Themes

The range of themes to be considered during this conference includes (but is not limited to):

- Rolling Stock (e.g. design, modelling & simulation; high-speed trains; performance & optimization; safety; reliability; ergonomics)
- Infrastructure (e.g. bridges; tunnels; foundations; track; earthworks; embankments; station design; vehicle interaction)
- Energy and Environment (e.g. re-use of kinetic energy; smart grids; hybrid traction; sustainable rail transport)
- Signalling and Communication (e.g. ERTMS; information and technology systems)
- Operations (e.g. traffic management; interoperability; intermodal solutions; customer interfaces; timetabling; logistics)
- Strategies and Economics (e.g. capacity & cost; track access charges; pricing; planning & policies; future trends; history & education)

For a more detailed list of sub-themes and special sessions please refer to the conference webpages.

Abstract Submission, Registration Fees and Important Deadlines

For registration information, important deadlines and online submission of abstracts please refer to the conference webpages.

Conference Proceedings

The conference proceedings will be published by Civil-Comp Press and Saxe-Coburg Publications and will be available on the first day of the conference. All papers are assigned DOIs and will also appear on the online repository www.CTRresources.info. The proceedings volumes have an ISBN; are part of a series with its own ISSN; and are submitted to several abstracting/indexing services.

Conference Venue

The venue for the conference is the NH Imperial Playa Hotel in Las Palmas de Gran Canaria, Spain. Special hotel room rates have been negotiated for conference participants.

For further details about this conference, please visit the conference webpages at:

<http://www.civil-comp.com/railways2012>