

CALL FOR PAPERS

The interested persons in participating on the Congress must submit an abstract related to one of the topics provided. Please submit the title, full names of authors and an abstract of no more than 3 pages to the Scientific Program Secretariat. One person can appear as the first author in only one paper. Please send files by email attachment. The deadline for submissions is March January 16th, 2010.

A book of final manuscripts will be published to accompany the conference. Participants will also receive a CD containing Conference Proceedings. The instructions for preparing final manuscripts to be included at the Conference Proceedings will be given on December 2009.

LANGUAGE

The official language of the Congress will be Spanish and English.

IMPORTANT DATES

January 16, 2010: Abstract due
January 31, 2010: Abstracts Acceptance Notification
March 12, 2010: Full Papers Due
April 12,13,14, 2010: Conference Dates

CONFERENCE VENUE

Auditorium of Zaragoza's Fair.

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INFORMATION

Should you have any question please do not hesitate to contact Secretariat.
The previous program and information regarding accommodation and travel information will be published at the end of December.

INFORMATION OFFICE

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UNIVERSIDAD de ZARAGOZA

SUPPORTS

SISTEMAS Y MEDIOS DE TRANSPORTE SOSTENIBLES
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CENTRO DE INVESTIGACIÓN EN TECNOLOGÍAS FERROVIARIAS
UNIVERSIDAD POLITÉCNICA DE MADRID
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FUNDACIÓN DE LOS FERROCARRILES ESPAÑOLES
FERIA DE ZARAGOZA
CONSEJO ARAGONÉS DE CAMARAS
INSTITUTO TECNOLÓGICO DE ARAGÓN DEL GOBIERNO DE ARAGÓN



Fundación de los Ferrocarriles Españoles



Cámaras
Aragón



1ST INTERNATIONAL CONGRESS ON RAIL TRANSPORT TECHNOLOGY



ORGANIZERS



CTF2010 - ZARAGOZA
12-13-14 APRIL DE 2010

PRESENTATION

The University of Zaragoza, the Official Association of Industrial Engineers of Aragon and La Rioja and the Foundation for the Central Pyrenees Railway Crossing is pleased to announce the I International Congress on Rail Transport Technology, that will be held at the Zaragoza's Fair next April 12th, 13th and 14th, 2010.

The I International Congress on Rail Transport Technology seeks to come into contact engineers, scientists, railway equipment manufacturers, technical engineering and construction, specialist on transport, environmental and spatial planning, representatives of the administration and customers. This Congress will focus on topics such as:

- Technological development
- Freight transport and passenger
- Safety
- Environmental and efficiency
- Traffic control

OBJECTIVES

Together with academic or scientific experts, the I International Congress on Rail Transport Technology provides an important channel for exchange of information. The Congress is intended to fulfill the needs of researchers and professionals of rail world that require a forum to know the latest advances in the field of railway industry.

The Conference objectives are to:

- Promote the importance of interoperability research to the international community
- Assess procedures of the intelligent mobility
- Review the current status of information
- Evaluate methodologies
- Explore ways of improving environmental and new technologies and use through international and inter-agency collaboration



SCIENTIFIC THEMES 01: Railway Installation.

- 0101 Track Installations.
 - ⤴ Track ballasts
 - ⤴ Sleepers
 - ⤴ Rails
 - ⤴ Attachment elements: Fastenings
 - ⤴ Track devices: switch points, expanders
 - ⤴ Gauge change systems.
 - ⤴ Stations and container terminal.
- 0102 Electrification installation.
 - ⤴ Substations
 - ⤴ Overhead contact lines.
- 0103 Safety installations: Signaling and blocks .
 - ⤴ Signaling: Mechanical, light, beacon.
 - ⤴ Block systems.
- 0104 Communication installations.
 - ⤴ Control/Post.
 - ⤴ Information transmission systems.
 - ⤴ Communication systems.
- 0105 Installations in tunnels.
- 0106 Auxiliary installations.



SCIENTIFIC THEMES 02: Rolling Stock

- 0201 Traction stock and train units.
 - ⤴ Interior design.
 - ⤴ Cafeteria or sleeping cars.
 - ⤴ Audio and video systems
 - ⤴ Information systems.
- 0203 Rolling stock: Freight.
 - ⤴ Loading and unloading systems.
 - ⤴ Rolling road systems.
- 0203 Maintenance vehicles: Auscultation and repair.

SCIENTIFIC THEMES 03: Railway Operation

- 0301 Control of railway traffic.
- 0302 Preventive maintenance of railway lines.
- 0303 Railway Operators: Operations management.
- 0304 Operation of passenger terminal.
- 0305 Operation of freight terminal.

SCIENTIFIC THEMES 04: Railway Policies, EU Legislation and Regulations

- 0401 Rail transport policies in the EU.
- 0402 Co-Modality in the railway system.
- 0403 Enviromental impac: Modal rebalance.
- 0404 Interoperability in the European railway network.

REGISTRATION FEES

The registration fee includes the admission to all events (general sessions, conferences, papers, coffees, welcome reception and the official dinner), as well as a copy for congress proceeding. Fees (VAT included):

Registration fees CTF- 2010

Author (200 €)

Attendee (250 €);

Student attendee(100 €)

INTERNATIONAL RAILWAY TECHNOLOGY EXHIBITION

Apart from the Congress, a Technical Exposition will also take place at Zaragoza's Fair. In this exposition, all institutions and sponsored entities will have the opportunity of showing their knowledge of railway issues.