

PROGRAM

V INTERNATIONAL CONFERENCE “ENGINEERING FOR HIGH SPEED”

Palacio de Congresos de Córdoba, 15, 16 and 17 June 2011

Wednesday June 15 16:00 – 20:00

Welcome & Registration. 16h00 – 16h30

CONFERENCE OPENING.

SESSION I. REFLECTION ON 25 YEARS OF HIGH SPEED IN SPAIN

INAUGURAL INTERVENTION 16h30 – 18h00

Antonio González Marín. President ADIF

ROUND TABLE INTRODUCTION

“The dilemma of high speed: a railway network or a multimodal network?”.
Ángel Aparicio. Universidad Politécnica de Madrid

“The economic impact of infrastructure investments”. Ginés de Rus.
Universidad de Las Palmas

“High speed in Spain today”. Santiago Hernández. Parque Natural de
Monfragüe

Coffee break. 18h00 – 18h30

ROUND TABLE 18h30 – 20h00

José Luis Alfaro. European Investment Bank

Iñaki Barrón de Angoití. UIC

Alberto García Álvarez. Fundación de los Ferrocarriles Españoles

Javier Bustinduy. BB&J

Manuel Sánchez Doblado

Jordi Juliá. Planning and Urban Transport Director. TRN Ingeniería

21h00 – 23h00

Cocktail served at “Jardines del Alcázar de los Reyes Cristianos”.

Thursday June 16 9:30-14:00 and 16:30-20:00

SESSION II. STATE OF THE ART ASSET MANAGEMENT AND
MAINTENANCE TECHNIQUES

09h30 – 11h30

Chair: Manuel Sánchez Doblado

Introduction: “Key concepts of railway asset management”. Antonio Lozano. Fundación Caminos de Hierro

“Developing an asset management strategy in ADIF. The actual experience”. Andrés Quesada. Incodat.

“Lifecycle management of switches and crossings” Arne Nissen. Trafikverket (Sweden)

“Rolling stock maintenance as a key factor in transport operation”. Avelino Castro. Chief Director – Manufacturing & Maintenance. RENFE.

Coffee break 11h30 – 12h00

SESSION III. TRACK AND INFRASTRUCTURE TECHNOLOGY TRENDS

12h00 – 14h00

Chair: Alfonso Ochoa. Chief Director – Operations & Engineering. ADIF

Introduction: Jorge Nasarre. Fundación Caminos de Hierro

“Spanish gauge: issues and alternatives”. Lourdes Porta. Director - High Speed Network Operations & Engineering. ADIF

“Infrastructure design criteria and their relationship with track operation”. José Manuel Galindo. Track Director -. Division of High Speed Network Operations & Engineering. ADIF

Luncheon at “Palacio de Congresos”. 14h00 – 16h30

SESSION IV. TRAFFIC CONTROL TECHNOLOGY TRENDS

16h30 – 17h45

Chair: Alfonso González. Director - High Speed Southern Line. ADIF

Introduction: “Safety and control systems for HS. Experiences and foreseen evolution”.

Fernando Montes. Fundación Caminos de Hierro

“A perspective from manufacturers”. David Sanz. DIMETRONIC.
Beatriz López. THALES

“A perspective from users”. Jaime Tamarit. CEDEX

“Analysis and recommendations on the future evolution of safety and control systems from the Spanish experience”. Debate: Coordinator: Fernando Montes

Coffee break. 17h45 – 18h15

SESSION V. THE WORLDWIDE EXPANSION OF HIGH SPEED RAIL

18h15 – 20h00

Chair: Joaquín Jiménez Otero. Director – International Relations. ADIF

Mauricio Casanova. Ministry of Transport of Chile

Hélio Mauro França. Superintendente Executivo. ANTT (Brazil)

Albrecht Engel. Vice-president for High Speed AMTRAK (USA)

Qunren Li. Chinese Academy of Railway Science (PRC).

Alexander Smekal. Trafikverket (Sweden)

Conference banquet at “Bodegas Campos”. 21h00 – 23h00

Friday June 17 9:00 – 13:00

SESSION VI. CONTRIBUTION OF SPANISH HIGH-SPEED ENGINEERING TO ADVANCEMENTS IN ENVIRONMENTALLY-FRIENDLY TECHNIQUES

9h00 – 11h15

Chair: María Luisa Domínguez. Director – Studies and Projects. ADIF

“From Madrid-Sevilla to Madrid-Valencia”. Juan Carlos Monge. ADIF. Roberto Hungría. ADIF

“Environmental integration of ADIF-approved subgrade construction projects”. Manuel Prats Guardia. Executive Director – Project Environmental Management. ADIF

“Wildlife studies for projects of new HS lines in Spain”. Santiago Rallo de la Cruz. ADIF

“Mitigation measures for the ‘Mediterráneo’ HS Corridor between Murcia and Almería”. Raquel Álvarez Lizana. ADIF

“Study on infrastructure protection measures against bird collision onto HS rolling stock”. Roberto Rodríguez Illanes. ADIF. Ignacio Meana. ADIF

Coffee break. 11h15 – 11h45

SESSION VII. CLOSING CEREMONY

11h45 – 13h00

David B. Kutrosky. Managing Director. Capitol Corridor Joint Powers Authority.
CA, (USA)

Antonio Berrios. Director – Network Management and Innovation. ADIF

José Abraham Carrascosa Martínez. President - CICCOP Andalucía

Rafael Blanco. Managing Director – Public Works Agency - Junta de Andalucía