

Information and participation confirmation:

Congress secretariat

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How to reach the congress

**By train:** FS Railway Station - Bari C.le

**By plane:** Airport Karol Woytyla – Bari

**By car:** Highway A-14 Pescara Bari, exit Bari Nord - Zona Industriale. Then follow the indication to Bari Centro. Take the SS 96 to the crossroad via Brigata Regina. Turn left and go to the crossroad via Napoli. Turn right and go to the crossroad via G. Latilla. At the first traffic light turn left into Corso V. Emanuele II. You reach Hotel Palace turning left in via F. Lombardi 13.

On the occasion of the study day entitled:

Integrated Transportation System in the Mediterranean Area  
Module II

**MED - EXPRESS**

Research, Innovation, Analysis and Socio- Economic Perspectives About the Rail Infrastructures of Med Countries

The Region of Puglia, Ferrovie dello Stato, Università del Salento, Confindustria Puglia, CIFI (Italian Railway Engineers Association), IASEM (Institute of High Euro Mediterranean Studies), UNIMED (University of Mediterranean) propose, at the same time of an exam on the progress of research and innovation in the rail engineering field, a deep analysis on the general state of politic and economic relations between EU and Arab World. It will be discussed the main questions connected to the security, structure of financial markets and socio-politic dynamics about the project of transports infrastructure.

Investing in the Mediterranean area, and in particular in the Arab country, means knowing the territorial needs, structures and internal dynamics, cultural and religious paradigms, power structures and, overall, it means create a network of collaborations and direct relations between the two Mediterranean sides as fundamental link for economic contracts.

Supporting compagnies

ALSTOM



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Rail



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Plasser. Theurer  
Plasser Italiana



Research, Innovation, Analysis and Socio- Economic Perspectives About the Rail Infrastructures of Med Countries

Bari, 23th June 2011  
Hotel Palace  
via F. Lombardi 13

INTEGRATED  
TRANSPORTATION  
SYSTEM IN THE  
MEDITERRANEAN  
AREA  
(MODULE II)



unimed



**8:30** Registration

**9:00** Welcome

Luigi Morisi, Collegio Ingegneri Ferroviari Italiani  
Domenico Laforgia, Università del Salento  
Michele Emiliano, Mayor of Bari

### Part A

#### Research and Innovation in the Rail Engineering Area

**9:20** Opening and coordination

Maurizio Gentile, Rete Ferroviaria Italiana spa

**9:30** Introduction

The importance of innovation and research for the rail engineering

Michele Mario Elia, Rete Ferroviaria Italiana spa

#### Speeches

**10:00**

#### S1 - TRACK AND RETAINING WORKS

Modern track maintenance technologies

Klaus Vetter, Plasser & Theurer - Plasser Italiana srl

New vision technologies for automatic track and tunnel inspection

Pasquale Antuofermo, Tecnogamma spa

Provisional railway bridges: developments and prospects

Leopoldo Impellizzieri, Essen Italia spa

Embedded slab track: the revolutionary embedded track system

Paolo Tanzi, Balfour Beatty Rail

**10:40**

#### S2 - PUBLIC INFORMATION SYSTEMS AND CONSTRUCTION SITES PROTECTION

Information for the public – Innovation in the service of maintainability

Marco Ferrari, Aesys spa

Innovative solutions on signals and imagines elaboration for the construction sites security

Francesco Bandiera, Università del Salento  
Daniele Pisano, Fersalento srl

**11:10** Coffee Break

**11:40**

#### S3 - ELECTRIC LINES AND POWER DEVICES

Automatic diagnostic systems for railway pantographs on HS lines

Alessandro Cafagna, Eletech srl

Integrated system in direct current for SSE and Cabin TE

Marco Pozzoli, Monteale spa

**12:10**

#### S4 - SIGNALLING AND SECURITY SYSTEMS

Innovative multi-section block axle counter

Giuseppe Palumbo, Bombardier Transportation

ACCM – Alstom experience in the service of technology evolution

Vincenzo Garofalo, Alstom Transport

ACC multi station: Ansaldo STS Experience

Sergio Repetto, Ansaldo STS

Use of innovative technologies in the signalling platforms:

ACC-M Sirti

Vincenzo Fazio, Sirti spa

Railway signalling - MERMEC Group experience

Vito Caliandro, MER MEC spa

New frontiers of signalling systems: ACCM and remote ECM

Fabrizio Cuppini, ECM spa

**13:10**

#### S5 - INFRASTRUCTURES DIAGNOSTIC

Rail galleries and metropolitans railways: innovative methods in risk analysis and study opportunities

Pasquale Colonna, Politecnico di Bari

Remote diagnostics system for the rail temperature control

Nicola Savino, Consorzio Cetma

Modern topographic technologies of control and test of railway Infrastructures

Mauro Caprioli, Politecnico di Bari

Mobile diagnostics evolution using commercial trains (Unattended diagnostics)

Raffaele Geminale, ESIM srl

**14:00** Buffet

### Part B

#### Round Table: Impact of Huge Infrastructural Projects on the Mediterranean Balances

**15:00**

Coordination

Roberto Pagone, Collegio Ingegneri Ferroviari Italiani  
Giuseppe Papaleo, Istituto Alti Studi Euro Mediterraneo

#### Introduction

Transports and logistic in the MED Area: dossier Unimed

Luigi Manfra, Unimed – Unione delle Università del Mediterraneo

#### Tavola rotonda

The revolutions in the Mediterranean : the socio-political frame in the MEDA area

Franco Rizzi, Unimed - Unione delle Università del Mediterraneo

General frame on the international relationship in the Mediterranean and future prospective

Stefano Silvestri, Istituto Affari Internazionali

The Euro-Mediterranean economic system: investment prospective in the infrastructural area

Paolo Garonna, Federazione ABI - ANIA / IASEM

Infrastructure funding in the Arab world: basic tools and principle actors

Bashir Siman, Al Farida Investments Company

Italian SEMs in the Arab Countries. The role of infrastructures in the development of new commercial network

Sergio Marini, Camera di Commercio Italo-Araba

Mediterranean area: risks and opportunities for Italian companies

Piero Montinari, Confindustria Puglia

Plan for the South and Puglia Corsara: the strategic role of the South of Italy in the Mediterranean area

Guglielmo Minervini, Regione Puglia

Railway infrastructures in the Mediterranean Area: technical aspects and Italian presence

Mauro Moretti, Ferrovie dello Stato spa

**17:30** Conclusion

During the conference: Presentation of the book Mediterraneo in rivolta, by Prof. Franco Rizzi General Secretary of Unimed