

AMERICAN PUBLIC TRANSPORTATION ASSOCIATION &  
THE INTERNATIONAL UNION OF RAILWAYS PRESENTS

## 2<sup>ND</sup> INTERNATIONAL PRACTICUM ON IMPLEMENTING HIGH-SPEED RAIL IN THE UNITED STATES

MAY 3 – 5, 2011  
BALTIMORE, MD

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### TRACK 201

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TUESDAY, MAY 3

Noon – 2:30 p.m.

#### LUNCHEON & WELCOME

##### **Session Chairman**

*William Millar*, President, APTA, Washington, DC

##### **Introductions**

*Peter Gertler*, Senior Vice President, HNTB, Oakland, CA

##### **Welcome**

*Beverley Swaim-Staley*, Secretary, Maryland Department of Transportation,  
Hanover, MD

##### **Featured Speakers**

*Karen J. Rae*, Deputy Administrator, Federal Railroad Administration,  
Washington, DC

*Joseph Boardman*, President & CEO, Amtrak, Washington, DC

2:45 – 5 p.m.

#### MODULE I – INTRODUCTION TO HIGH SPEED SYSTEMS

- Potential in the Conventional Network (“Incremental Rail Speeds”) - Iñaki Barrón, UIC
- Potential in the Conventional Network - the American Approach – Bob Doty, HNTB
- General Approach To High Speed Rail - Iñaki Barrón, UIC
- Review of High-Speed Rail Systems in the World - Iñaki Barrón, UIC; Naoto Yanase, JR Group, Japan; T.C. Kao, University of Illinois

Questions & Answers

8 – 10:45 a.m.                    **MODULE II – ENVIRONMENT**

- Presentation of the UIC research “High speed contribution to sustainable mobility” - Aurélie Jehano, Systra, France
- Presentation of the UIC research “Carbon balance” - Michel Leboeuf, SNCF, France
- Japanese vision on high speed and environment - Takao Nishiyama, JR Group, Japan
- Italian approach on “Carbon balance” - Alberto d’Amico, Italferr, Italy
- German vision on the environment - Ted Krohn, DB International

Questions & Answers

10:45 am – 3:15 p.m.        **MODULE III – STATIONS FOR HIGH SPEED SYSTEMS**

Presentation of the UIC research “High speed and the City”, including basic requirements and specificities, as well as impacts on the four main actors -- passenger, city, railway operator, and infrastructure owner. - Javier Bustinduy, BB&J Consulting, Spain

- Some examples on Italian stations developments - Alberto d’Amico, Italferr, Italy
- Practical exercise and facilitated discussion - Javier Bustinduy, BB&J Consulting, Spain

Questions & Answers

12 – 1:30 p.m.                    **LUNCHEON PROGRAM**

- High-Speed Rail in Canada - Paul Langan

3:30 – 6 p.m.                    **MODULE IV – TRAFFIC FORECASTING**

This module will consist of a practical exercise facilitated by Nawfal Talbi, SNCF, France, with Sharon Greene, Sharon Greene & Associates, and Sasha Page, Infrastructure Management Group. Simulations and calculations will include effects of seasonality and impacts on business cases.

6:30 – 7:30 p.m.                    **RECEPTION**

Join FRA Administrator Joe Szabo, Practicum faculty and colleagues from around the world for a networking reception overlooking the scenic Baltimore Inner Harbor.

8 – 10:30 a.m.                    **MODULE V – STANDARDS FOR HIGH SPEED RAIL SYSTEMS**

- Necessity, definitions, different types of standards, different “families” of rail standards - Iñaki Barrón, UIC
- Japanese standards - Naoto Yanase, JR Group, Japan
- The Italian experience in rail standards – Andrea Nardinocchi, Italferr, Italy
- Spanish experience in creation and adaptation of rail standards - Eduardo Romo, FCH, Spain
- American standards and their application to high speed – Ronald Hynes, Federal Railroad Administration

Roundtable discussion facilitated by Pierre-Etienne Gautier, SNCF, France, and Pablo Ramos, Adif-INECO, Spain

10:45 a.m. – 1 p.m.                    **MODULE VI – “INTEGRATION CONCEPT”**

An introduction of the “Integration” concept - Eduardo Romo, FCH, Spain

- Concepts for planning and processes to develop a high speed project, with case studies from France, Spain, Germany, etc., as well as strategies for maintenance on infrastructure and rolling stock - Pierre-Etienne Gautier, SNCF, France, and Pablo Ramos, Adif-INECO, Spain
- Discussion of a hypothetic business case of a high speed rail project in America - steered by Eduardo Romo, FCH, Spain

1 – 3:30 p.m.                    **CLOSING LUNCHEON & MODULE VII  
HIGH-SPEED RAIL PROJECTS IN THE U.S. &  
THE FUTURE OF HIGH SPEED RAIL**

High-Speed Rail Projects in U.S.

- A survey of FRA-funded high-speed rail projects in the U.S. – Federal Railroad Administration
- North East Corridor – Al Engel, Amtrak

Round Table: Research for high-speed: actions and various approaches for the future

- Pierre-Etienne Gautier, SNCF, France
- Atsushi Yokoyama, JR Group, Japan
- Eduardo Romo, FCH, Spain
- Pablo Ramos, Adif-INECO, Spain

Closing observations, insights & questions