Seminar: High Speed Rail System

December 18-20, 2017
University of Nevada, Las Vegas (UNLV)

UNLV Science and Engineering Building, Las Vegas, NV 89154

Sponsors:

This seminar will help engineers, planners, managers of high speed rail agencies gain a broader understanding of high speed rail systems. This seminar is also valuable for university students and faculty.

Learn how to perform better at your current position and open new career opportunities. Connect with experienced professionals on practical and academic matters. Gain a greater appreciation of the technical and the not-so-technical aspects of high speed rail systems.

Sponsored by RailTEAM, Rail Transportation Engineering and Advance Maintenance, A Tier-1 University Transportation Center on Improving Rail Transportation Infrastructure Sustainability and Durability (https://www.unlv.edu/railteam)

Free registration includes: (1) breakfast and lunch, and (2) lecture materials provided electronically

Agenda:

<table>
<thead>
<tr>
<th>Time</th>
<th>Monday 12/18/2017</th>
<th>Tuesday 12/19/2017</th>
<th>Wednesday 12/20/2017</th>
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</thead>
<tbody>
<tr>
<td>8:00 am</td>
<td>Breakfast</td>
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<tr>
<td>8:30 am</td>
<td>Welcome by UNLV VPR: Mary Croughan</td>
<td>HSR Rolling Stock (Dobernecker)</td>
<td>Signal and Control and Maintenance (Jiang)</td>
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<tr>
<td>9:00 am</td>
<td>World-wide Development of High Speed Rail (Teng)</td>
<td>Rolling Stock Maintenance (Dobernecker)</td>
<td>Communication Systems (Greco)</td>
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<tr>
<td>10:00 am</td>
<td>Geometric Design of High Speed Rail (Mejia)</td>
<td>Geometric Design of High Speed Rail (Mejia)</td>
<td>Course Review</td>
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<tr>
<td>11:00 am</td>
<td>Lunch</td>
<td>Lunch</td>
<td>End of Day Three</td>
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<tr>
<td>12:00 pm</td>
<td>Track Design (Romo)</td>
<td>Infrastructure Safety Inspection and Maintenance (Teng)</td>
<td>End of Day Three</td>
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<tr>
<td>1:00 pm</td>
<td>High-Speed Rail Stations (Romo)</td>
<td>High-Speed Rail Traction and Power Supply, Maintenance (Martin)</td>
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<tr>
<td>4:00 pm</td>
<td>5:00 pm</td>
<td>Reception</td>
<td>End of Day Two</td>
</tr>
<tr>
<td>7:00 pm</td>
<td>8:00 pm</td>
<td>End of Day One</td>
<td>End of Day Two</td>
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Location: SEB 1243, UNLV

Lodging: Hotels are available around UNLV campus and on the Las Vegas Boulevard and the Strip which is within a 15-minute walk to the UNLV campus.

Instructors:

- Benjamin Dobernecker, Cesar Martin, Siemens Industry, Inc.
- Ming Jiang, China Railway Signal & Communication Co., Ltd. (CRSC)
- Joe Greco, Bombardier
- Eduardo Rocco, Fundacion Caminos De Hierro, Spain
- Genaro Mejia, Arup, California
- Hualiang (Harry) Teng, UNLV
Seminar: High Speed Rail Systems  
December 18-20, 2017  
University of Las Vegas, Las Vegas, Nevada

Registration Form

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<tr>
<th>Name</th>
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<tr>
<td>Nickname for Badge (Optional)</td>
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<td>Company</td>
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Do you have any disabilities requiring special assistance or equipment? □ Yes □ No
If yes, Please describe ________________________________________________________

Professional Development Hours: By attending this seminar you are entitled to earn 2 Continuing Education Units (CEUs) or 20 Professional Development Hours (PDHs).

Please complete and send this form to:

Boniphase Kutela, Program Coordinator  
Railroad University Transportation Center  
Department of Civil and Environmental Engineering and Construction  
University of Nevada, Las Vegas  
4505 Maryland Parkway, Box 454015  
Las Vegas, NV 89154-4015  
Phone: 702-858-0013  
Fax: 702-895-3936  
Email: kutela@unlv.nevada.edu