

This 21st Rhode Island (RI) Transportation Forum is hosted by the RI Transportation Research Center (TRC) at the University of Rhode Island (URI) and Construction Industries of Rhode Island (CIRI)



Exhibitions:

- BETA Group, Inc.
- Bryant Associates
- Camp Dresser & McKee (CDM) Inc.
- Cardi Corporation
- Crossman Engineering
- Edwards & Kelcey Corporation
- Fiore Resource Industries Inc.
- Geo-Instruments
- Gordon R. Archibald, Inc.
- Hanson Pipe & Products Inc.
- The Hudson Companies
- INSTRON Corporation
- Jacques Whitford
- J. H. Lynch & Sons, Inc.
- MA Concrete & Aggregate Prod. Assoc. (MACAPA)
- Maguire Group, Inc.
- Narragansett Improvement Co.
- Northeast Cement Shippers Association (NECSA)
- Pare Engineering Corp.
- P. J. Keating Co.
- RI Department of Transportation

From I-95 South and Providence Airport, take Exit 9. Follow Rt. 4 South and US 1 South. At Rt. 138 West, make a right turn and drive about 4 miles. At the 2nd traffic light, turn right onto Upper College Road. Proceed to the University Club at the 3rd intersection.

From I-95 North, take Exit 3. Follow Rt. 138 East about 10 miles, and take left at the Upper College Road (same as above)

NOTE: A parking pass at Information Center is required

The 21st Rhode Island Transportation Forum



Friday, November 7, 2008

University of Rhode Island

Chester Kirk Engineering Bldg., Cherry Auditorium & University Club

RI Transportation Research Center
c/o Prof. K. Wayne Lee
University of Rhode Island
203 Bliss Hall
Kingston, RI 02881

The 21st Rhode Island Transportation Engineering Forum

8:00am	Registration and Continental Breakfast at Kirk Auditorium Foyer Exhibition and Poster Session	12:39pm	Keynote Speech "Challenging Highway Funding and Aging Transportation Infrastructure and/or RIDOT-URI Joint Program"(TBC) Mr. Michael P. Lewis, Director Rhode Island Department of Transportation
8:30am	Forum Convenes Dr. Peter Alfonso, Vice President for Research and Economic Development, URI	12:59pm	Moderator: Dr. Christopher Hunter Director of Graduate Studies, CVE, URI
8:35am	Welcoming Remarks Dr. Donald H. DeHayes, Provost and Vice President for Academic Affairs, URI	1:00pm	Presentation of The Best URI 2007-08 Transportation Thesis Dr. Harold Bibb Associate Dean of Graduate School, URI
8:40am	Greetings from State Agency Mr. Michael P. Lewis, Director Rhode Island Department of Transportation (RIDOT)	1:20pm	"Impact of Environment, Traffic Devices and Speed Limit Changes on Speeds in Suburban and Rural School Zones in Rhode Island" Dr. Christopher Hunter, Civil Engineering (CVE), URI
8:45am	Greetings from Federal Agency Mr. Peter W. Osborn, Division Administrator Federal Highway Administration (FHWA)	1:40pm	"Hurricane Preparedness in Coastal Region for Rhode Island" Dr. Natacha Thomas, Dr. Christopher Hunter, Prof. D. Cunnigan, Dr. T. McCray, and Ms. A. Campbell, CVE and PSY, URI
8:50am	Greetings from Transportation Industries Mr. Henry Sherlock, Executive Director Construction Industries of Rhode Island (CIRI)	2:00pm	"Optimization of Aggregate Gradation for High-Performing Hot Mix Asphalt" Mr. Kyungwon Park, Prof. K. Wayne Lee, CVE; and Prof. Arun Shukla, CVE and MCE, URI
8:55am	URI Transportation Engineering Program Prof. K. Wayne Lee, Ph.D., P.E. Director of RI Transportation Research Center (TRC) Recognition of NEUTC Graduate Fellowship, Narragansett Improvement Company Scholarship, and John J. Hudson Memorial Scholarship Recipients	2:20pm	Refreshment Break
9:10am	"Nanostructural Materials for Transportation Applications" Prof. Anjlit Bose, Chair of Chemical Engineering (CHE), URI	2:34pm	Moderator: Mr. Frank Corrao III, Deputy Chief Engineer, RIDOT
9:30am	Keynote Speech "Nanoporous Oxide Coatings: A New and Promising Vision of Applying Nanotechnology to Concrete" Prof. Marc A. Anderson Chair of Environmental Chemistry & Technology University of Wisconsin at Madison	2:35pm	"Improving Establishment and Persistence of Roadside Grasses: Salt Tolerance, Soil Amendments and Plant Selection" Dr. Rebecca N. Brown, Dept. of Plant Science, URI
10:15am	Coffee Break	2:55pm	"Management of Storm-Water Runoff at Road-Salt Storage Facilities" Dr. Vinka Craver, CVE, URI
10:29am	Moderator: Mr. Robert Smith, P.E., RIDOT – Design	3:15pm	"Testing the Efficiency of a Vortex @ Structure with Anthropogenic Tracers" Dr. Thomas Boving, Department of Geoscience, CELS, URI
10:30am	"Performance of Stainless Steel Clad Rebar in Concrete" Prof. Richard Brown, CHE, URI	3:35pm	"System Integration for Improved Transportation Management, Applications of Spatial Technologies"(TBC) Mr. Steve Kut, GIS Manager and Mr. Paul P. Annarummo, Managing Engineer, RIDOT
10:50am	"Measurement of Adhesion Properties Between Topcoat Paint and Metallized/Galvanized Steel with Surface Energy Measurement Equipment" Prof. Sze C. Yang, Chemistry (CHM), URI	3:55pm	"The GU8 Consortium and Educational Materials from Transportation-Related Case Studies as Materials" Prof. Judy Beckman, Prof. Nik Dholakia, and Dr. Doug Hales, COB; Prof. Rick Burroughs of the Department of Marine Affairs, CELS,URI
11:10am	"Asphalt Viscosity Insights from Single Molecule Relaxations" Prof. Michael Greenfield, CHE, URI	4:15pm	Summary and Discussion Mr. Kazem Farhoumand, P.E., Chief Engineer, RIDOT Prof. K. Wayne Lee, RITRC Director, URI
11:30am	"Determination of Interfacial Bond Behavior of Composite Concrete-Asphalt Pavement Systems" Prof. Martin Sadd, Prof. Arun Shukla & Prof. K. Wayne Lee Dept. of Mechanical Engineering (MCE) and CVE, URI	4:30pm	Exhibition and Poster Session Social Hour at the University Club
11:50am	Exhibition and Poster Session		
12:00pm	Luncheon at University Club		
12:37pm	Welcoming Remarks Dr. Keith T. Killingbeck Associate Dean of Graduate School, URI		

FRIDAY NOVEMBER 7, 2008

Please register me (and my spouse or friend) for the 21st Transportation Forum on November 7, 2008. My \$50.00 registration fee is included. DEADLINE for Registration is October 30, 2008

Name (Mr./Ms./Dr./Prof.) Firm/Organization

Address

City

State

Zip

Tel:

Fax:

email

*The registration fee for the Forum includes the cost of forum handouts, continental breakfast and lunch. The cost is subsidized by Construction Industries of Rhode Island (CIRI) and Rhode Island Transportation Research Center (RITRC).

Return this form to: RITRC, c/o 203 Bliss Hall, University of Rhode Island, Kingston, RI 02881

Make check payable to: University of Rhode Island. Questions? Contact K. Wayne Lee (401) 874-2695

or e-mail forum@egr.uri.edu

I will not be able to attend the forum this time, but would like to contribute to the URI Transportation Eng. Advancement Fund. \$