



## **THIRD NATIONAL SEISMIC CONFERENCE & WORKSHOP ON BRIDGES & HIGHWAYS**

C/O MULTIDISCIPLINARY CENTER FOR EARTHQUAKE ENGINEERING RESEARCH  
UNIVERSITY AT BUFFALO • RED JACKET QUADRANGLE  
BUFFALO, NEW YORK 14261-0052

### **NEWS RELEASE**

**FOR IMMEDIATE RELEASE**  
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**CONFERENCE DATES:**

*April 28 - May 1, 2002*

**LOCATION:**

*Portland, Oregon*

**STEERING COMMITTEE:**

Roland Nimis, Chair  
*FHWA, Western  
Resource Center*

Michel Bruneau  
*Multidisciplinary Center  
for Earthquake Engineering  
Research*

Ian Buckle  
*University of Nevada, Reno*

James Cooper  
*Federal Highway  
Administration*

Mark Hirota  
*Oregon Department  
of Transportation*

James Roberts  
*California Department  
of Transportation*

Frieder Seible  
*University of California,  
San Diego*

Jerry Weigel  
*Washington State  
Department  
of Transportation*

Michael Higgins, Secretary  
*Pure Technologies*

### **THIRD NATIONAL SEISMIC CONFERENCE AND WORKSHOP ON BRIDGES AND HIGHWAYS EMPHASIZES ADVANCING TECHNOLOGIES AND TECHNIQUES**

#### **Program is slated for April 28 - May 1, 2002 in Portland, Oregon**

BUFFALO, NY ... The latest advancements in earthquake design and retrofit will be the focus of presentations at the Third National Seismic Conference and Workshop on Bridges and Highways, April 28 through May 1, 2002, in Portland, Oregon. The conference will feature as many as 60 presentations and 25 poster presentations on new and innovative technologies, including the latest research and developments involving earthquake engineering for bridges, highway systems, and components.

Additionally, the program will include an International Forum comprising invited speakers from countries that have implemented advanced earthquake design and mitigation technologies and techniques. It will also include a Technology Showcase involving as many as 40 exhibitors of contemporary products and services for seismic design and retrofit.

The conference is expected to attract worldwide participation from bridge and highway engineers, design consultants, researchers, and federal, state and local transportation agency owners.

The conference theme is "Advances in Engineering and Technology for the Seismic Safety of Bridges in the New Millennium."

It is sponsored by the Federal Highway Administration, Oregon Department of Transportation, and the Washington State Department of Transportation. It is organized by the Federal Highway Administration's Western Resource Center, and the Multidisciplinary Center for Earthquake Engineering Research (MCEER) headquartered at the University at Buffalo.

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It is sponsored by the Federal Highway Administration, Oregon Department of Transportation, and the Washington State Department of Transportation. It is organized by the Federal Highway Administration's Western Resource Center, and the Multidisciplinary Center for Earthquake Engineering Research (MCEER) headquartered at the University at Buffalo. The conference will provide a forum for information on current practices and research for seismic-resistant design and retrofit of bridges and highway systems in all seismic zones. Presentations will focus on the latest advances in engineering and technology for seismic safety.

Session topics include:

- Effects of near-field earthquakes on bridges
- Displacement based design
- Lessons learned from recent earthquakes (since 1998)
- Design on major new long span bridges in high or moderate seismicity areas
- Design strategies for major ground movements under bridges
- Emerging seismic design and retrofit technologies
- Seismic response modification devices

Members of the conference steering committee include: Roland Nimis, FHWA, Western Resource Center (Chair); Michel Bruneau, Multidisciplinary Center for Earthquake Engineering Research; Ian Buckle, University of Nevada, Reno; James Cooper, Federal Highway Administration; Mark Hirota, Oregon Department of Transportation; James Roberts, California Department of Transportation; Frieder Seible, University of California, San Diego; Jerry Weigel, Washington State Department of Transportation; and Michael Higgins, Pure Technologies (Secretary).

Conference cosponsors include: the California Department of Transportation, Mid America Earthquake Center, MCEER, Pacific Earthquake Engineering Research Center, and the Transportation Research Board.

A call for papers will be issued later this spring. For more information contact: Michael S. Higgins, P.E., Regional Manager, Eastern Region, Pure Technologies US Inc., 10015 Old Columbia Road, Suite B-215, Columbia, MD 21046; Tel: 410-309-7050; Fax: 410-309-7051; Email: [mike.higgins@soundprint.com](mailto:mike.higgins@soundprint.com).