

**8th**  
**HISTORIC**  
**BRIDGES**  
**CONFERENCE**



The Blackwell Inn . The Ohio State University . Columbus, Ohio  
April 28-29, 2008

**PRELIMINARY PROGRAM**  
**REGISTRATION**



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# PRELIMINARY PROGRAM

## Monday, April 28, 2008

6:00 PM - 9:00 PM Icebreaker with Buffet

7:00 PM - 7:30 PM Short presentation

### **Why are 19th century stone arches relevant to 21st century structural engineers?**

Dario Gasparini, Case Western Reserve University

## Tuesday, April 29, 2008

8:00 AM Welcoming Remarks by Hojjat Adeli & Opening Remarks by Bud Baeslack, Dean of Engineering, The Ohio State University

### **8:15 AM - 10:15 AM MORNING SESSION**

**History, Evaluation and Management-** *Moderator: Eric Delony, National Park Service*

#### 8:15 AM - 9:15 AM History

**The Mississippi River Railroad Crossing at Clinton, Iowa**

*Charles Birnstiel*

**The Dragon Bridge of Li Chun**

*M.P. Burke, Jr. & H.C. Tang*

#### 9:15 AM - 10:15 AM Management

**Bridging the Gap: Connecting Design and Historic Preservation Goals on Milwaukee County's Historic Parkway Bridges**

*Amy Squitieri & Bob Newbery, Mead & Hunt, Inc. and Wisconsin Dept. of Transportation*

**Managing Historic Bridges in Minnesota: The Historian and the Engineer Collaborate**

*Bob Frame & Steve Olson, Mead & Hunt, Inc. and HNTB Corp.*

### **10:15 AM - 10:45 AM MORNING COFFEE BREAK**

#### 10:45 AM - 12:15 PM Evaluation

**Structural Deck Evaluation of the John A. Roebling Suspension Bridge**

*Ching Chiaw Choo & Issam E. Harik, California State University, Fresno and University of Kentucky*

**Wind & Truss Bridges: Overview of Research**

*Frederick R. Rutz & Kevin L. Rens, J.R. Harris and Company, and University of Colorado, Denver*

**Mechanical Properties of Wrought Iron from Penns Creek Bridge (1886)**

*S. Kelton & S. Buonopane, Bucknell University*

### **12:15 PM - 1:45 PM LUNCH**

**Saving Historic Bridges: How?**

**Abba Lichtenstein, Luncheon Speaker**

### **1:45 PM - 2:45 PM POSTER SESSION**

**Extant Lenticular Iron Truss Bridges from the Berlin Iron Bridge Company**

*Alan J. Lutenecker, University of Massachusetts, Amherst*

**Twenty-first Century Advocacy & Ingenuity Rescues Nineteenth-Century Bridge**

*Anthony E. Dalto & Steven Engelhart, Ryan-Biggs Associates*

**Reinventing Squire Whipple's Bridge**

*Joseph Fonzi & Preston Vineyard, Parsons Brinckerhoff*

## The Zoarville Station Bridge-Completed and Reopened

*David Tschantz, Camp Tuscazoar Foundation*

## Hot Riveting in Historic Bridge Restoration

*Vern Mesler, VJM Metal Craftsman, LLC*

### 2:45 PM - 5:15 PM AFTERNOON SESSION

**Preservation, Rehabilitation & Restoration** - Moderator: *Steven Fenves, Carnegie Mellon University and NIST*

2:45 PM -3:15 PM

**The Preservation of Historic Bridges**, *A.K. Sloan*

3:15 PM -3:45 PM

**Preservation of Historic Iron Bridges-Adaptive Use Bridge Project, University of Massachusetts, Amherst**, *Alan J. Lutenegger, University of Massachusetts, Amherst*

3:45 PM -4:15 PM

**Preservation of Stone Masonry Aqueducts on the Chesapeake and Ohio Canal**

*Denis J. McMullan & Douglas E. Bond, McMullan and Associates*

4:15 PM -4:45 PM

**Rehabilitation of Two Historic Timber Covered Bridges in Massachusetts**, *Daniel Lee & Brian Brenner, Fay Spofford & Thorndike and Tufts University*

4:45 PM -5:15 PM

**The Historic Rehabilitation of the Market Street Bridge in Chattanooga, Tennessee**

*Ian C. Engstrom, Parsons Transportation Group*



## REGISTRATION FORM

**Pre-registration is strongly encouraged, as space is limited\***

**Name:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Affiliation:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**Email:** \_\_\_\_\_

**Phone No.:** \_\_\_\_\_

Please submit this form with a \$150 payment (payable to **The Ohio State University**) to: Hojjat Adeli, CEEGS, 470 Hitchcock Hall, 2070 Neil Avenue, Columbus OH 43210-1275 USA. After April 15, 2008 the registration fee will be \$200. The registration fee entitles you to conference lectures, social functions, conference papers in CD form, and a copy of *Historic Bridges: Evaluation, Preservation, and Management* to be published by Taylor & Francis. This book includes a selection of scholarly papers presented at the conference with an introductory chapter from Professor Steven Fenves. Additional information can be obtained by calling 614/292-2771.

Those planning to stay at the conference venue, The Blackwell Inn, are urged to make reservations early. A discount rate of \$139/night will be applied if you mention the conference's name.