

2016 Iron & Steel Preservation Conference and Workshop

Conference May 18th & 19th \$375.00

Workshop May 20th \$175.00

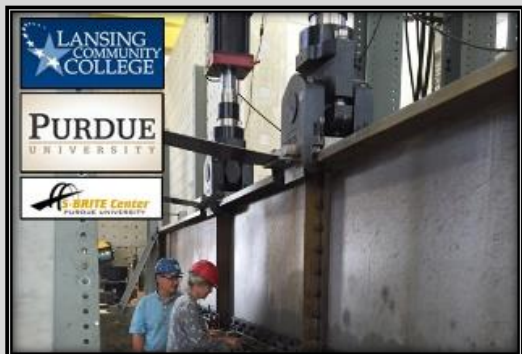
Location: Purdue University, Indiana

Space is limited. Register early.

[On-Line Registration](#)

[Register by Check/Mail](#)

[Iron & Steel Preservation Scholarship Application Form](#)



This conference and workshop addresses the need for well-informed decision-making for the repair, rehabilitation and restoration of metals. Participants will gain knowledge of current research in the behavior of metal structures in service and their suitability for repair, rehabilitation or restoration, and gain confidence in specifying appropriate industrial processes selected from both contemporary steel fabrication methods and historic technologies. Demonstrations and hands-on experiences complement the lecture presentations, and participants have the opportunity to interact with the wide variety of professionals in attendance.

For more details: [November ISP Newsletter: 2016 ISP Conference Speakers](#)

Please contact Vern Mesler with any questions at meslerv@gmail.com

[Sign up for the Iron & Steel Preservation Newsletter.](#)

Speakers and Events for the 2016 ISP Conference & Workshop A partnership between Purdue University and Lansing Community College

**Robert J. Connor, Associate Prof. of Civil Engineering,
Director S-BRITE Center, Purdue University, Indiana**
[Revisiting the Concept of Fracture Critical for the 21st Century](#)

**Karl H. Frank, PE, PhD
Chief Engineer, Hirschfeld Industries, Texas**
[The Development of the AASHTO/AWS Fracture Control Plan and How it Relates to Historic Bridges](#)

**Matthew H. Hebdon, Assistant Professor of Civil &
Environmental Engineering, Virginia Tech**
[Understanding Resilience and Remaining Capacity of Riveted Girders](#)

**Quentin Collette, PE, PhD
Project Engineer, Sparks Engineering, Texas**
[Riveted connections in historical metal structures \(1840-1940\)](#)

**Frederick R. Rutz, PE, SE, PhD
University of Colorado, Denver**
[Structural Response of Truss Bridges to Wind](#)

Ryan J. Sherman, PhD Candidate, Purdue University
[The Correlation of Rivet Strength with Hardness Measurements](#)

**Dan McCain, President of the Carroll County
Wabash & Erie Canal Association, Delphi, Indiana**
["Volunteers Make a Difference"](#)

Wednesday, May 18, 2016 (Conference Day 1)

8:00am to 12:30pm (Conference Hotel)

Technical presentations followed by lunch with luncheon speaker.

1:30pm to 5:15pm (Bowen Lab, Purdue University)

- Tour of Purdue's Bowen Lab
- Tour of Purdue's S-BRITE Center

Thursday, May 19, 2016 (Conference Day 2)

8:00am to 12:30pm (Conference Hotel)

Technical presentations followed by lunch with luncheon speaker.

1:30pm to 5:15pm (Bowen Lab, Purdue University)

Demonstrations of industrial processes:

- Electric arc welding processes
- Braze welding for cast iron
- Flame straightening demonstrations
- Shop riveting with hydraulic riveter
- Field riveting with field riveting hammer

Friday, May 20, 2016 (Workshop)

8:00am to 12:00pm (followed by lunch)

Hands-on participation in repair, rehabilitation and restoration of metals

- Electric arc welding processes
- Braze welding for cast iron
- Flame straightening demonstrations
- Shop riveting with a hydraulic riveter
- Cutting processes: Oxygen Fuel and Air Carbon Arc
- Field riveting with a field riveting hammer

Continuing Education Units (CEU) and/or Professional Development Hours (PDH) are available.

Conference Hotel: Holiday Inn-City Centre, Lafayette IN (special rate available for conference and workshop participants).



Lincoln Electric local technical support staff will demonstrate the flux and metal cored arc welding processes and answer questions related to the repair, rehabilitation, and restoration of metals.

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