

Media Contact:
Adrienne Zalkind
800-443-9353 (x416) or azalkind@aws.org

For Immediate Release

MEDIA ADVISORY

American Welding Society Conference Showcases Latest Technologies in Aluminum Welding

- Conference Speakers to Explore the State of the Art in Aluminum Welding and Advise on Maximizing Performance and Production Efficiency

WHAT: Welding Aluminum 2008 Conference

WHO: [American Welding Society](#) (AWS) and [Aluminum Association](#) (AA)

WHEN: April 15-16, 2008

WHERE: Hilton Seattle Airport, 17620 International Blvd., Seattle, WA 98188

BACKGROUND:

Aluminum is one of the most versatile and widely-used metals in manufacturing, but its unique chemical and physical properties can also make it one of the most challenging to weld. There is no simple way for the busy welding production manager, technologist or engineer to stay abreast of all of the latest techniques and special processes required in aluminum welding—until now.

AWS and AA will host a first-of-its kind conference completely dedicated to aluminum welding technology. This must-see event will feature leading aluminum welding experts and innovators who will address the most critical trends, industrial applications and processes to emerge from the industry landscape. Conference speakers possess extensive industry backgrounds and are currently serving for well-respected organizations, including The Boeing Company, Lincoln Electric, ESAB Welding and Cutting and Alcan.

Primary conference sessions will explore the numerous variations and improvements of aluminum welding processes as well as techniques for designing welds to ensure maximum performance. In addition, attendees will receive important information on ways to optimize production applications and combat common challenges associated with welding aluminum in certain manufacturing sectors, such as in aerospace.

Additional conference topics include:

- Metallurgical Overview of Aluminum and Associated Alloys
- Filler Alloy Selection
- Fusion and Solid-state Welding Processes
- Robotic Applications
- Cutting Methods

- Friction Stir Welding—Challenges for Aerospace Aluminum
- Explosion Bonding with Aluminum

Conference registration is \$625 for AWS/AA members, \$760 for nonmembers. Registration includes all conference sessions, two continental breakfasts, two lunches, and refreshment breaks. Attendees will receive a CD containing copies of all presentations, an attendee roster for networking and follow-up, and the following books:

- AWS D1.2/D1.2M:2003, *Structural Welding Code—Aluminum* (\$136 value)
- *Welding Aluminum: Theory and Practice*, Fourth Edition, 2002 (\$125 value)
- *Aluminum Standard and Data – 2006* (\$100 value)
- *Pink Sheet – Designation and Chemical Composition Limit for Aluminum Alloys in the Form of Casting and Ingot, April 2002* (\$40 value)
- *Teal Sheets – International Alloy Designations and Chemical Composition Limits for Wrought Aluminum Alloys, 2006* (\$40 value)

Nonmembers receive a two-year complimentary AWS membership with registration. For more information and to register, please call 800-443-9353, ext. 455 or visit the conferences section on the AWS website at www.aws.org/conferences.

****Download the Aluminum Welding Conference brochure at: <http://www.aws.org/w/a/conferences/>**

About AWS

The American Welding Society (AWS) was founded in 1919 as a multifaceted, nonprofit organization with a mission to advance the science, technology and application of welding and allied joining and cutting processes, including brazing, soldering, and thermal spraying. Headquartered in Miami, Florida, and led by a volunteer organization of officers and directors, AWS serves more than 50,000 members worldwide and is composed of 22 districts with 250 sections and student chapters. For more information, visit the Society's website at <http://www.aws.org> and click on "[pressroom](#)."

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