



American Welding Society

Alberta Section



Calgary Dinner Meeting - February 15, 2012

(Co-Hosted by the Calgary Sections of ASM & CWA)

Changing the Welding Industry by a New Metal Transfer Mode

by Martin Willinger (Fronius Canada)

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Abstract

New materials and extreme service requirements are challenging the welding industry more than ever. To achieve these demanding requirements, new welding processes must be implemented along with new generations of filler metals and shielding gases. For over 50 years, the welding industry has been using the same weld joint preparation designs. By using new welding process technology, it becomes possible to change the joint design to allow for more economic preparations (e.g., narrow joint design). These changes, in turn, result in less distortion, reduced heat input, and shorter weld time to complete the weld joint. This presentation will focus on the new welding processes developed specifically for pipe welds and cladding operations, as well as the more efficient weld gap preparations that these new processes allow.

About our Speaker

Martin Willinger was educated as a tool maker and universal welder. He also served in the military for six months. He joined Fronius in 2001, traveling through Europe, South Africa and North America on several business trips. He moved to Canada in 2001, and holding the position of TSN Manager at Fronius, he moved to Edmonton in the fall of 2011. His experience spans through many industries including automotive, nuclear, pipeline and heavy machine construction, with exposure to manual, robotic and hard automation processes. Martin has experience in TIG, MIG/MAG, SMAW, plasma, laser hybrid and tandem welding processes.

WHEN: Wednesday, February 15, 2012

WHERE: Blackfoot Inn – 5940 Blackfoot Trail SE, Calgary

TIMES: 5:00 pm Registration, Reception and Networking
6:00 pm Dinner and Dessert
7:00 pm Technical Presentation

COST: Members \$30.00; Non-Members \$35.00; Students \$15.00.
“Presentation Only” is free.

All members from other technical societies in the Calgary Area are invited to attend at the member rate. Please note that this event does qualify as professional development for most accreditations.

NOTE: Student non-members can sign up for 1 free-year of AWS membership.
(Students who have received free AWS membership in the past are ineligible)

REGISTRATION:

Please confirm your attendance by E-mailing calgary@cwamembers.org before noon on Monday, February 13, 2012.

There will be very limited space for those without a reservation, so please RSVP if you plan to attend.

Please visit our website <http://awssection.org/alberta>

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