

**POSTER ABSTRACT SUBMITTAL**  
**Annual FABTECH International & AWS Welding Show**  
**Chicago, IL – November 11-14, 2007**

*(Complete a separate submittal for each poster.)*

<b>Primary Author (Full Name):</b>			
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<b>Email:</b>			
<b>Poster Title (max. 50 characters):</b>			
<b>Poster Subtitle (max. 50 characters):</b>			
<b>Co-Author(s):</b>			
Name (Full Name): Affiliation: Address:  City: State/Province: Zip/Mail Code: Country:		Name (Full Name): Affiliation: Address:  City: State/Province: Zip/Mail Code: Country:	
<b>Email:</b>		<b>Email:</b>	
<b>Poster Requirements and Selection Criteria:</b>			
<ul style="list-style-type: none"> <li>▪ Only those abstracts submitted on this form will be considered. Follow the guidelines and word limits indicated. Complete this form using MSWord. Submit electronically via email to <a href="mailto:techpapers@aws.org">techpapers@aws.org</a> or print and mail.</li> <li>▪ Maximum size – 44 inches tall x 30 inches wide. (Vertical format, please).</li> <li>▪ Must be legible from a distance of 6 feet. A minimum font size of 14 pt. is suggested.</li> <li>▪ Posters must be submitted to AWS as a single flat printed medium (e.g. laminated print or foam core board mount).</li> <li>▪ Any technical topic relevant to the welding industry is acceptable (e.g. welding processes &amp; controls, welding procedures, welding design, structural integrity related to welding, weld inspection, welding metallurgy, etc.).</li> <li>▪ Submittals that are incomplete and that do not satisfy these basic guidelines will not be considered for competition.</li> </ul> <p>Posters accepted for competition will be judged based on technical content, clarity of communication, novelty/relevance of the subject &amp; ideas conveyed and overall aesthetic impression.</p> <p>Criteria by category as follows:</p>			
<p style="text-align: center;"><b><u>(A) Student</u></b></p> <ul style="list-style-type: none"> <li>▪ Students enrolled in 2 yr. college and/or certificate programs at time of submittal.</li> <li>▪ Presentation need not represent actual experimental work. Rather, emphasis is placed on demonstrating a clear understanding of technical concepts and subject matter.</li> <li>▪ Practical application is important and should be demonstrated.</li> </ul>	<p style="text-align: center;"><b><u>(B) Student</u></b></p> <ul style="list-style-type: none"> <li>▪ For students enrolled in baccalaureate engineering or engineering technology programs at the time of submittal.</li> <li>▪ Poster should represent the student's own experimental work. Emphasis is place on demonstrating a clear understanding of technical concepts and subject matter.</li> <li>▪ Practical application and/or potential relevance to the welding industry is important and should be demonstrated.</li> </ul>	<p style="text-align: center;"><b><u>(C) Student</u></b></p> <ul style="list-style-type: none"> <li>▪ For students enrolled in graduate degree programs in engineering or engineering technology at time of submittal.</li> <li>▪ Poster should represent the student's own experimental work. Poster must demonstrate technical or scientific concepts. Emphasis is placed on originality and novelty of ideas presented.</li> <li>▪ Potential relevance to the welding industry is important and should be demonstrated.</li> </ul>	<p style="text-align: center;"><b><u>(D) Professional</u></b></p> <ul style="list-style-type: none"> <li>▪ For anyone working in the welding industry or related field.</li> <li>▪ Poster must demonstrate technical or scientific concepts. Emphasis is placed on original contributions and the novelty of the presentation.</li> <li>▪ Potential relevance to the welding industry is important and should be demonstrated.</li> </ul> <p style="text-align: center;"><b><u>(E) High School</u></b></p> <ul style="list-style-type: none"> <li>▪ Junior or Senior high school students enrolled in a welding concentration at the time of submittal.</li> <li>▪ Presentation should represent technical concepts and application to the welding industry.</li> <li>▪ Practical application and creativity are important and should be demonstrated.</li> </ul>

Check the category that applies:

(A) Student 2-yr. or  
Certificate Program

(B) Student 4-yr.  
Undergraduate

(C) Graduate  
Student

(D) Professional

(E) High School

**Poster Title (max. 50 characters):**

**Poster Subtitle (max. 50 characters):**

**Abstract:**

Introduction (100 words) – Describe the subject of the poster, problem/issue being addressed and it's practical implications for the welding industry.

Technical Approach & Results (200 words) – Explain the technical approach. Summarize the work that was done as it relates to the subject of the poster.

Conclusions (100 words) – Summarize the conclusions and how they could be used in a welding application.

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