



Practical Weld Design Technology

High Cycle Fatigue in Welded Joints

Integrated Systems Research, Inc.

Presented by Integrated Systems Research, Inc.

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SIMULATION
TECHNOLOGIES INC.

Integrated Systems Research is pleased to present a short course on practical weld design technology. The course objective is to facilitate both manufacturing and design engineers in the identification of limiting weld joint parameters in HCF failures and implementing manufacturing and design strategies to successfully address them

Web Seminar Content

Influence of the fusion and heat affect zones on crack initiation and propagation

Grain structure effect on fatigue and fracture mechanics characteristics

Techniques for controlling microstructure development and inclusions

Influence of weld joint geometry in HCF failures

Characteristic joint dimensions

Primary and secondary load path characteristics

Strategies for developing fatigue resistant joint geometry

Post weld techniques for HCF life improvements

Strategies for improving local geometry and reducing residual stress effects

Seminar Application

Presented By



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Web Seminar Application Form

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Seminar Materials

The seminar content is provided in electronic form as a PDF file and the material presented through web conferencing. Seminar material and web conferencing information will be available 24 hours prior to the seminar

Seminar Presentation Dates

All presentations are given from 1:00 to 2:00 p.m. EDST

Indicate desired seminar date

July 15 July 22 July 29

Credit Card Information

Master Card Visa

Credit Card Number

Expiration Date _____

Name of Card Holder _____

Signature _____

Total Cost \$100.00

By signing this form the applicant agrees that they will participate as an individual in the web conferencing seminar. An application form must be submitted for each person desiring to attend the web conference.

Contact Information

Confirmation of this application will be provided by email within 24 hours of receipt of form

Email address: _____

Phone: _____

Fax Application to Frank Murphy at Kx Simulation Fax (513) 929-4630 Phone (513) 929-9302

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