



20th Reliability, Stress Analysis, and Failure Prevention Conference (RSAFP)

([Call for Papers pdf](#))

Description

The *20th Reliability, Stress Analysis, and Failure Prevention Conference (RSAFP)*, will be held at the San Diego Convention Center, in San Diego, California, from August 30-September 2, 2009. ASME/IEEE MESA09 is an integral part of the *2009 ASME International Design Engineering Technical Conferences and Computers and Information in Engineering Conferences (2007 IDETC/CIE)*. This event is the theme of the odd-year IDETC and is a premier meeting in the fields of reliability, stress analysis, and failure prevention. This year's RSAFP Conference is expected to have tracks covering considerations in design process; computer-based (numerical/FEA, etc.) analyses for RSAFP; material considerations for RSAFP (with possible sessions on nanocomposites, polymer-based designs, composites, polymer processing, and functional materials); safety in design, RSAFP issues in adhesive joints, bolted connections and threaded joints, stress analysis; failure analysis and modeling; and RSAFP issues in microelectromechanical and nanoelectromechanical Systems.

Objectives

Authors and presenters are invited to participate in this event to expand cooperation, understanding and promotion of efforts and disciplines in the area of 20th Reliability, Stress Analysis, and Failure Prevention Conference (RSAFP). Dissemination of knowledge by presenting research results, new developments, and novel concepts in 20th Reliability, Stress Analysis, and Failure Prevention Conference (RSAFP) will serve as the foundation upon which the conference program of this area will be developed.

Likely topics include but are not limited to:

- [RSAFP Considerations in Design Process](#)
- [Computer-Based \(Numerical/FEA etc.\) Analyses for RSAFP](#)
- [Material Considerations for RSAFP](#)
- [Stress and Failure Analysis and Modeling](#)

All papers will be reviewed and, if accepted, will be published in the conference proceedings on CD-ROM. For further information, contact the organizers of the symposium:

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