

Topics

Viscoplastic flow and coupled heat transfer, phase change problems, viscoelastic flow, free surface flow, time dependent and steady state problems, deformation dependent boundary conditions, large deformation elasto-plasticity, extrusion, drawing, rolling, forging, casting, sheet forming, injection moulding, blow moulding, wire coating, calendaring and spinning.

Advisory panell/keynote speakers

M. J. Crochet, R. T. Fenner, S. Kobayashi, E. H. Lee, G. Menges, J. C. Nagtegaal, A. Samuelson, E. G. Thompson, R. I. Tanner, N-M. Wang.

Call for papers

Abstracts are invited on the above and related topics and should be approximately 300 words in length and submitted before 30th November 1981. Final papers are required by 26th February 1982.

For further details contact
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 Swansea SA2, 8PP,
 Wales

PRESSURE VESSEL SAFETY AND RELIABILITY

Orlando, Florida, 27 June–2 July 1982

The Operations, Applications and Components Committee of the Pressure Vessel and Piping Division of the ASME is sponsoring a number of special sessions on "Pressure Vessel Safety and Reliability" during the Pressure Vessel and Piping Conference to be held during June 27–July 2, 1982 in Orlando, Florida. State-of-the-art surveys, research papers and application papers are solicited. Topics to be covered include, but not limited to,

- (1) Pressure vessel reliability analysis (probabilistic).
- (2) Pressure vessel failure analysis (deterministic ultimate load/fracture analyses).
- (3) Statistics of pressure vessel failures.
- (4) Case histories of pressure vessel failures (nuclear/fossil power plants, process plants, refineries, etc.).
- (5) Quality assurance and safety.
- (6) In-service inspection and safety.
- (7) Code criteria and safety.
- (8) Liability and responsibility to society.

In addition, papers on general structural reliability analysis, with potential applications in pressure vessel technology, are also welcome.

Papers accepted for presentation will be published in a special ASME publication titled "Pressure Vessel Safety and Reliability". Those papers of permanent interest will also be considered for publication in the ASME Transaction "*Journal of Pressure Vessel Technology*".

Full papers are due by 1 December 1981. But interested authors are encouraged to send their abstracts or contact Dr. Sundararajan as early as possible, in order to facilitate better planning of the special sessions.

All correspondence, abstracts and papers should be sent to:

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 220 Montgomery Street
 San Francisco, CA 94104, U.S.A.
 Telephone (415) 544-8000