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Call for Papers
Fifth International Conference on Data and Knowledge Systems for Manufacturing and Engineering (DKSME '96)

Phoenix, Arizona — October 24-25, 1996

DKSME '96

The Fifth International Conference on Data and Knowledge Systems for Manufacturing and Engineering (DKSME'96) will be held in Phoenix, Arizona. The theme of the conference is **Processes and Models for Intelligent Collaboration in Heterogeneous Manufacturing Environments**. The conference will highlight contributions from researchers and engineers who are developing systems to improve engineering design and manufacturing. Database management and artificial intelligence are key technologies for improving products and reducing the cost of manufacturing. The conference will bring together people from industry and academia to resolve "real world" problems through research that provides new results for manufacturing and engineering system methods and technologies.

The general topics of interest will include, but are not limited to, artificial intelligence and database technologies as applied to:

Active and/or real-time data management
Collaborative and/or distrib. decision support
Computer aided design (CAD)
Computer aided manufacturing (CAM)
Computer integrated manufacturing (CIM)
Concurrent engineering
Data exchange techniques and standards
Expert systems
Factory automation
Flexible manufacturing
Group technologies
Knowledge based systems
Multi-media manufacturing systems
Object-oriented/semantic modeling
Product planning and scheduling
Quality control systems & processes
Re-engineering/reverse engineering

Papers should clearly highlight their contribution to the conference theme. Papers will be reviewed by at least three reviewers. Accepted papers will be published in the conference proceedings. Exceptional papers will also be forwarded to appropriate journals for publication.

Submission Instructions: Submit four copies of an original paper not exceeding 25 pages double-spaced (5000 words) to Prof. Joan Peckham, Tyler Hall, Dept. of Computer Science and Statistics, University of Rhode Island, Kingston, RI 02881, USA, Telephone: 401-792-2701 (or 4174), e-mail: joan@cs.uri.edu

Important Dates:

March 1, 1996	Submission deadline
June 1, 1996	Notification of decisions
July 24, 1996	Submission of Camera-ready copy

For more information concerning the conference, contact:

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