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*Precision Engineering* - *Journal of the International Societies for Precision Engineering and Nanotechnology* is devoted to the multidisciplinary study and practice of **high accuracy engineering**, **metrology**, and **manufacturing**. The journal takes an integrated approach to all subjects related to research, design, manufacture, performance validation, and application of **high precision machines**, **instruments**, and **components**, including fundamental and applied research and development in manufacturing processes, fabrication technology, and advanced measurement science. The scope includes precision-engineered systems and supporting metrology over the full range of length scales, from atom-based nanotechnology and advanced lithographic technology to large-scale systems, including optical and radio telescopes and macrometrology.

*Precision Engineering* was first published in January 1979; since 1986 it has also been known to many of its readers as the *Journal of the American Society of Precision Engineering*. Now, with effect from January 2000, it assumes a new look, proudly proclaiming itself the *Journal of the International Societies for Precision Engineering and Nanotechnology*.

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