**PROCEEDINGS OF THE
TWENTY-SEVENTH INTERNATIONAL
MATADOR
CONFERENCE**

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TWENTY-SEVENTH INTERNATIONAL
MATADOR
CONFERENCE

held in Manchester
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Edited by

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Foreword

It is a pleasure for me to introduce the Proceedings of the 27th International Matador Conference. When the Conference started 28 years ago it dealt with metal working fundamentals in cutting, grinding and forming, and the design of the metal working machines for this purpose. Since those early days the research community has switched much of its attention to the integration of machine tools, robots, AGVs and measuring machines, computers and software and CAD into the design, operation and optimisation of Manufacturing Systems.

This Conference reflects this switch of emphasis. It is now broadly directed into two halves, one dealing with the original topics of this Conference and one with CIM and its elements.

I hope and expect that you find much to interest you in this year's papers on these topics in the formal and informal discussions you will have with your colleagues from many countries.

I would like to thank all who are presenting papers at this Conference, and to thank the Organizing Secretary, Mr R. Kirk, without whom this Conference could not have taken place.

Professor B. J. Davies.