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Knowledge and Media in Learning Systems

Edited by
B. du Boulay and
R. Mizoguchi

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Knowledge and Media in
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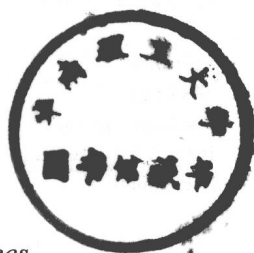
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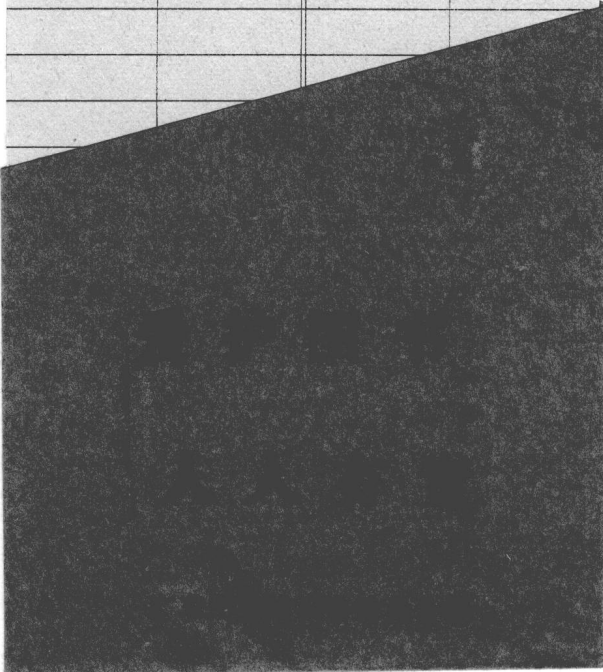
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Preface

The 8th World Conference on Artificial Intelligence in Education (AI-ED 97) is one of a series of international conferences designed to report the best research in the field of AI in Education and to provide opportunities for the cross-fertilisation of information and ideas on research and applications in this field.

The theme for 1997 is Knowledge and Media in Learning Systems, and papers that explore the emerging roles of intelligent multimedia and distributed technologies as well as computer supported collaboration within that theme were particularly welcome.

Two hundred and six submissions were received from thirty three countries and, after refereeing, seventy papers, fifty four posters, five workshops and one tutorial were invited to participate. The spread of topics was very wide encompassing both well-established areas such as student modelling as well as more novel topics such as distributed intelligent tutoring on the World Wide Web.

Far from undermining the need to understand how learning and teaching interact, the newer media continue to emphasise the interdependence of these two processes.

Collaboration and tools for collaboration have been the major topics of interest in the submitted and accepted papers. Understanding how human learners collaborate, how peer tutoring works and how the computer can play a useful role as either a more able or even a less able learning partner are all explored here.

This conference is the first to be organized under the auspices of the new International Society for Artificial Intelligence in Education. We wish the new Society well and trust that this conference will provide it with a vigorous start.

A world conference such as this can only be a success through the efforts of a great many people. The following pages list many of the names of those to whom we owe a debt. We would like to thank particularly the Programme Committee and the Reviewers, the Local Organizing Committee in Japan and the many Sponsors. The Programme Chair would like to thank three of his graduate students, Rosemary Luckin, Jorge Ramirez-Ures and Pablo Romero Mares, and his secretary, Jackie Gains, for their hard work in helping to administer the reviewing process and production of the proceedings.

We look forward to an excellent meeting in Kobe during the week, 18th-22nd August 1997.

Benedict du Boulay
University of Sussex
Riichiro Mizoguchi
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May 1997

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