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Readings on Cognitive Ergonomics – Mind and Computers

Proceedings of the 2nd European Conference
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Edited by

G. C. van der Veer, M. J. Tauber, T. R. G. Green and P. Gorny



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PREFACE

The chapters in this book are papers that will be read on the Second European Conference on Cognitive Ergonomics - Mind and Computers, Gmunden, Austria in September 1984, sponsored by IFIP WG. 6.3 (Human-Computer communication), and organised under the auspices of the Österreichische Computer Gesellschaft OCG, the Gesellschaft für Bildungstechnologie (GBT) and the Gesellschaft für Informatik (GI).

Cognitive Ergonomics is a new interdisciplinary research field between computer science and psychology. The investigation of design-criteria for human computer interfaces under cognitive aspects, modelling of systems, users and interfaces and empirical work characterise the research in cognitive ergonomics (sometimes also called cognitive engineering). The aim of this book and of the Gmunden conference is to bring together contributions from European scientists of Cognitive Ergonomics.

In preparing this volume, the editors owe a great deal to Francis Brazier, who carefully read, interpreted and if necessary reworded the contributions of most of those authors whose first language is not English. Generously investing far too much of her time, she succeeded in preserving the original meaning. Elly Lammers was responsible for the organisation involved in this publication, for the lay out and for typing the greater part of the papers. She spent her days telephoning through Europe and her nights communicating with the UNIX system. Without Francis and Elly this book would have lost much in readability.

July, 1984

Gerrit van der Veer
Michael Tauber
Thomas Green
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