

ENVIRONMENTAL ERGONOMICS IX



ICEE Ruhr 2000

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Editors: Jürgen Werner & Martin Hexamer

Department of Biomedical Engineering, Medical Faculty
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**Jürgen Werner
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(Editors)**

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Ethan R. Nadel, Ph. D.

September 3, 1941 – December 26, 1998

We dedicate this book to the memory of our friend and colleague

Ethan R. Nadel, Ph. D.,

Professor at Yale University, New Haven,

Director at John B. Pierce Laboratory, New Haven

The 9th International Conference on Environmental Ergonomics

Organizers

**Jürgen Werner & Martin Hexamer
Ruhr-Universität Bochum**

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PREFACE

This volume compiles the majority of the 127 peer-reviewed contributions submitted to the 9th International Conference on Environmental Ergonomics (ICEE 2000), which was organized by the Ruhr-University Bochum / Germany from July 30 to August 4.

ICEE 2000 comprises research scientists, medical doctors, engineers, administrators, technicians, health care professionals and students from university, industrial, private and government research facilities in over 20 countries around the world. Many of them are world leaders in their field of research.

Environmental Ergonomics addresses the problems of maintaining human activity under physiologically stressful conditions. The quest for knowledge of basic physiology and the human response to environmental stress is combined with applied interest in the enhancement of performance under adverse conditions. Special emphasis at ICEE 2000 was laid on the integration of applied physiology, biomedicine and bioengineering.

We dedicate this book to Ethan R. Nadel, who like nobody else, illuminated the way towards the understanding of integrative functions of the human body and towards the integration of basic and applied disciplines. Only a few weeks after he was invited to give the closing lecture at ICEE 2000, we learned with great sadness that he left us on December 26, 1998. His thoughts and results stay with us for ever.

July 2000

Jürgen Werner

Martin Hexamer

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