Sensor Technology in the Netherlands: State of the Art

Proceedings of the Dutch Sensor Conference
held at the University of Twente,
The Netherlands, 2–3 March 1998

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SPRINGER-SCIENCE+BUSINESS MEDIA, B.V.

A C.I.P. Catalogue record for this book is available from the Library of Congress.

ISBN 978-94-010-6103-2 ISBN 978-94-011-5010-1 (eBook)
DOI 10.1007/978-94-011-5010-1

Printed on acid-free paper

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Originally published by Kluwer Academic Publishers in 1998
Softcover reprint of the hardcover 1st edition 1998
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Preface

The 1998 Dutch Sensor Conference held on March 2-3, 1998, at the University of Twente in Enschede, the Netherlands is the third in a series of biannual meetings. The series of conferences is initiated by the Dutch Technology Foundation (STW) in order to stimulate the industrial application of scientific sensor research. The main reason for this has been the fact that in spite of a very long and outstanding reputation on high quality sensor research, few products have been marketed in the Netherlands up to now. This sensor conference not only offers academic and industrial researchers an opportunity to present the latest results of research and development on sensors, actuators and microsystems, but in addition offers designers and developers from industry inspiration for new products and gives them the chance to meet young researchers.

In this second MESA Monograph the Proceedings of the third National Sensor Conference are collected. It contains both a collection of the latest research and development results from all major Dutch centers for sensor research, as well as several contributions on the aspects of sensor commercialization, as presented at the conference as (invited or submitted)oral or poster contributions. Thus, it provides an excellent overview of the state of the art of Dutch Sensor Technology in 1998, which explains the title of this Monograph volume. In addition we invited two Swiss researchers to present their view on sensor development in the field of biochemical sensor systems and the utilization of new micromechanical sensing principles for chemical sensor(arrays).

At this place I would like to acknowledge the contributions of the programme committee, the local organizing committee, STW, the sponsors, many MESA members and, last but not least the contributing authors.

Albert van den Berg
Conference chairman.

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