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Applications and Problems

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HUMAN EVOKED POTENTIALS

Applications and Problems

Edited by
Dietrich Lehmann

*University Hospital
Zurich, Switzerland*

and
Enoch Callaway

*University of California
San Francisco, California*

Published in coordination with NATO Scientific Affairs Division by

PLENUM PRESS · NEW YORK AND LONDON

Library of Congress Cataloging in Publication Data

Nato Conference on Event-Related Potentials in Man, Constance, 1978.

Human evoked potentials.

(NATO conference series: III, Human factors; v. 9)

Includes index.

1 Brain—Diseases—Diagnosis—Congresses. 2. Evoked potentials (Electrophysiology)—Congresses. 3. Brain—Localization of functions—Congresses. 4. Sensory stimulation—Congresses. 5. Neuropsychiatry—Congresses. I. Lehmann, Dietrich. II. Callaway, Enoch. III. Nato Special Program Panel on Human Factors. IV. Title. V. Series. [DNLM: 1. Evoked potentials—Congresses. W3 N138 v. 9 1978 / WL102.3 N105e 1978]

RC386.6.E86N37 1978 616.8'04'754 79-4320

ISBN-13: 978-1-4684-3485-9 e-ISBN-13: 978-1-4684-3483-5

DOI: 10.1007/978-1-4684-3483-5

Proceedings of the NATO Conference on Human Evoked Potentials held
at Konstanz, West Germany, August 25-28, 1978, and sponsored by the NATO
Special Program Panel on Human Factors

© 1979 Plenum Press, New York

Softcover reprint of the hardcover 1st edition 1979

A Division of Plenum Publishing Corporation
227 West 17th Street, New York, N.Y. 10011

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PREFACE

From August 25 - 28, 1978 a conference on averaged evoked potentials was held at Konstanz, West Germany. Research on human evoked potentials has progressed rapidly in the past decade, and a series of international conferences have served to maintain communication between active workers in the field. Among the organizations that have a tradition of supporting such multi-national communication are the North Atlantic Treaty Organization Scientific Affairs Division, the U.S. Office of Naval Research and the German Research Society (Deutsche Forschungsgemeinschaft). We have been fortunate to have the support of all three.

In the early stages of planning, a committee was formed composed of Professors Rudolph Cohen (Konstanz), Otto Creutzfeldt (Goettingen), John Desmedt (Brussels), A.M. Halliday (London), Anthony Remond (Paris) and Herbert Vaughan (New York). A call for papers was circulated as widely as possible, and this committee carried out the difficult task of selecting a limited number of participants from a large number of excellent abstracts.

At the same time Professor Cohen of the University of Konstanz was generous enough to shoulder the task of playing host to the conference. His thoughtful arrangements contributed enormously to the comfort of the participants. He and his colleagues also engineered an ideal ambience for sharing of ideas and observations, while the University of Konstanz generously provided audio-visual support.

Finally, it would be entirely appropriate for Danielle Thouvenin to be one of the senior authors on this volume, for she not only supervised the organization of the conference but edited and retyped all the manuscripts.

This volume represents an attempt to make available the results of a conference on ongoing research. Speed of publication has been our primary goal, and we have forgone some editorial niceties so these papers can be made available to other working groups while they are still current. The topic is an interdisciplinary one, and

papers could have been classified a number of ways (methods, disciplines, major focuses, etc.). We have, however, arranged them by senior author in alphabetical order.

Poster sessions played a large role in the sharing of new ideas and data, and the abstracts of these poster presentations are also in this volume. Active participation of all who attended was perhaps the most crucial factor in the conference, and the editors wish to thank them for their enthusiasm and their efforts. The final preparation of this volume has depended on the cooperation of Plenum Press and the technical assistance of Dr. Charles Yingling.

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