



TECHNICAL UNIVERSITY - SOFIA
Faculty of Electronics and Electronic Technology

THE NINTH SCIENTIFIC AND APPLIED SCIENCE CONFERENCE
with International Participation

ELECTRONICS

ET '2000

PROCEEDINGS OF THE CONFERENCE
book 1

The Conference is sponsored by:

ECAD Laboratory - Assoc. Prof. Ph.D. M. Hristov
TECHNOLOGY CENTER - I M E Ltd. - Prof. Dr.Sc. K.Fillyov
IEEE Bulgaria Section - Assoc. Prof. Ph.D. J.Kolev
DEPARTMENT OF SCIENTIFIC RESEARCH, TU - SOFIA
BURGAS FREE UNIVERSITY, FACULTY OF ENGINEERING
TECHNICAL COLLEGE "JOHN ATANASOFF" - PLOVDIV
CATENA Ltd - Dr. Nordhold, the Netherlands

Educational Sports and Recovery Complex of the TU - Sofia,
September 20 - 22, 2000
Sozopol

ORGANISING COMMITTEE

Chairman: Assoc. Prof. Ph.D. Racho Ivanov, TU-Sofia; rmi@vmei.acad.bg

Co-Chairman: Prof. Dr. Ir. G. Meijer, Delft University of Technology -
Delft, the Netherlands

Members: Assoc. Prof. Ph.D. Cv. Gavrovsky - Macedonia

Assoc. Prof. Ph.D. S. Tabakov

Prof. Dr.Sc. T. Takov

Prof. Dr.Sc. Ch. Rumenin

Prof. Dr.Sc. I. Daskalov

Assoc. Prof. Ph.D. D. Yudov

Assoc. Prof. Ph.D. P. Goranov

Assoc. Prof. Ph.D. M. Hristov

Assoc. Prof. Ph.D. N. Nikolov

Secretary: Assoc. Prof. Ph.D. G. Mihov

PROGRAM COMMITTEE

Chairman: Assoc. Prof. Ph.D. S. Ovcharov

Vice chairman: Assoc. Prof. Ph.D. A. Andonova

Members: Prof. Dr. Sc. Ph. Philipov

Assoc. Prof. Ph.D. S. Nihtyanov

Assoc. Prof. Ph.D. N. Gradinarov

SECRETARIAT

Assoc. Prof. Ph.D. M. Gospodinova

Assist. Prof. Ms.Sc. M. Mitev

Assist. Prof. Ms.Sc. Ph.D. I. Iliev

Assist. Prof. Ms.Sc. P. Yakimov

Assist. Prof. Ms.Sc. A. Dimitrova

Secretary: Ms. Sc. M. Petrunova

Book 1 - in English

Book 2 - in English

Book 3 - in Bulgarian

Book 4 - in Bulgarian

ISBN 954 - 438 - 302 - 6