VICTORIAN SECTION NEWSLETTER

IEEE

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NEWSLETTER No. 1 1984.

ANNUAL GENERAL MEETING.

The first Annual General Meeting of the Victorian section was held at the RACV Club on 22nd November 1983. Guest speaker Dr. Clive Coogan presented an informative and entertaining talk on "Electrical and Electronic Highlights from Early Victoria".

Office bearers for 1984 were elected at the meeting and, are as follows:

CHAIRMAN	- Mr. B.G. Love IBM Australia	(h) 873 1372 (o) 698 1688
VICE CHAIRMAN	- Mr. R.A. Court, Telecom Research Laboratories.	(h) 729 4823 (o) 541 6346
SECRETARY/TREASURER	- Mr. G.N. Bell, Chisholm Institute Of Technology.	(h) 211 9224 (o) 573 2153 573 2334

COMMITTEE

Prof. J.H. Anderson, Univ. of Melbourne.
Mr. J.P. Baker, Totalizator Agency Board.
Mr. G.P. Banky, Swinburne Institute of Technology.
Dr. R.P. Coutts, Telecom Research Laboratories.
Mr. A.E. Gascoigne, Consultant.
Dr. A.J. Gibbs, Telecom Research Laboratories.
Prof. D.G. Lampard, Monash University.
Mr. B.A. Wickham, Telecom Australia.

COMMUNICATIONS CHAPTER

Chapters are technical sub-units within an IEEE Section formed to serve the specialized interests of members and to co-ordinate these with the activities of the section and those of the parent IEEE Society.

Arrangements are well advanced to form the first such Chapter in Victoria. This will be under the auspices of the Communications Society. Those members interested in the activities of this Chapter should contact the organiser John Millott at the Telecom Research Laboratories (Tel. 541 6366).

The Section Committee is keen to see the formation of Chapters of other Societies. Anyone interested in helping to organise a Chapter should contact Robin Court (Tel. 541 6346).

TECHNICAL PROGRAMME 1984.

A feature of this year's technical programme will be an initiative between the IEEE, the IE Aust, the IREE and the IEE. A joint committee has been formed, under the chairmanship of Tony Gascoigne, with the objective of co-sponsoring five high quality technical activities. These activities will be part of the technical programme of each Institution. An interim IEEE technical programme is given below with these joint activities indicated by an asterisk.

DATE		TITLE	FORMAT
28 February		Biological Effects and Medical Applications of Electromagnetic Radiation.	Lecture
20 March	*	Harmonics in Power Systems.	Lecture/Symposium
17 April		Australian Innovations in Communications.	Lecture
15-17 May		VLSI-PARC-Melbourne '84 (IEEE, IE Aust, IREE).	Conference
17 May	*	Aspect of VLSI.	Lecture/Symposium
18 June	*	Selection of Computers for Engineering Applications.	Symposium/workshop
August	*	Aspects of Robotics.	Lecture/Symposium
19 September		Computer Facilities at the T.A.B.	Visit
15 October	*	Communication for Emergency Rescue Operations.	Symposium/Workshop
27 November		AGM	

* Joint activities with IE Aust, IREE and IEE.

The first lecture for 1984 will be

"Biological Effects and Medical Applications of Electromagnetic Radiation".

Presented By:

Dr. Maria Stuchly
Dept. Of Health & Welfare
Ottawa, Canada.

and

Dr. Stanislaw Stuchly
University of Ottawa

To be held in:

Lecture Theatre E5
Faculty of Engineering
Monash University
6.00 - 7.30
Tuesday 28 February

Synopsis

Electromagnetic radiation has found numerous applications that have benefited mankind but also has been recognised as a potential hazard to a living system.

In the first part of the talk the present state of knowledge on biological effects of electromagnetic radiation will be reviewed with emphasis on the speakers' contributions in this field.

In the second part the state of the art in diagnostic and therapeutic applications of radio frequency fields will be presented and illustrated by various examples.

The Speakers

Maria Stuchly received her degrees in electrical engineering. Following a successful career in industry and universities she joined the Radiation Protection Bureau of the Dept. of Health & Welfare, Canada as a research scientist in 1976. She is also an adjunct Professor at the University of Ottawa. Her research is in the area of biological applications of electromagnetic radiation and is responsible for setting up national guidelines and standards of exposure to radio frequency radiation.

Stan Stuchly received his degrees in electrical engineering. After fifteen years at various research and development posts in industry he joined the University of Manitoba in Winnipeg, Canada in 1970. Since 1977 he has been with the Dept. of Electrical Engineering, University of Ottawa where he teaches and conducts research in the fields of electromagnetics and radiation.

(For any other information contact Prof. D.G. Lampard. Tel 541 3480).

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