

1st ANNOUNCEMENT



February 1998
Melbourne Australia



Is this your seat?

15-19 February 1998



IEEE



IFMBE



You could be sitting here after the conference looking out on beautiful Port Philip Bay in sunny Melbourne, Australia

PRESENTED BY

MONASH UNIVERSITY

Bioelectronics Group

Department of Electronic & Computer Systems Engineering



ORGANISED BY

MONASH UNIVERSITY

Office of Continuing Education



UNDER THE AUSPICES OF

**INTERNATIONAL SOCIETY FOR
BIOELECTROMAGNETISM (ISBEM)**



IN COOPERATION WITH

IEEE EMBS IFMBE

SCOPE

Many biological processes within the living organism, from cellular up to the organism level, are based on bioelectric and biomagnetic phenomena. These phenomena are still not completely understood and are the subject of a lot of a scientific research. We hope that this conference will reflect the present state of this research.

PRESIDENT OF THE CONFERENCE

Dr Irena Cosic (Australia)

SCIENTIFIC COMMITTEE CO-CHAIRMEN

Dr Brian Lithgow (Australia)
Professor Metin Akay (USA)
Professor Jaakko Malmivuo (Finland)

KEYNOTE SPEAKER

Wilson Greatbatch inventor of the pacemaker.

SCIENTIFIC PROGRAM

Field measurements
 electrocardiography
 electroencephalography
 other electric fields
 magnetic field measurement and modelling
 signal and image analysis

Electric and magnetic stimulation
 pacemakers
 muscular stimulation
 cochlear implants
 magnetic stimulation of the brain

Effect of electromagnetic fields
 manmade electromagnetic irradiation
 natural irradiation
 effects on tissue levels
 effect on cellular level

Electric and magnetic impedance
 Plethysmography and Tomography
 Electrodermal characteristics

Electromagnetic properties in alternative medicine
 Impedance of acupuncture points
 Electric & laser stimulation in acupuncture

Biomolecular Electronics
 Molecular modelling of proteins
 Molecular interactions
 Molecular manipulations

PROGRAM CHAIRS

Robert Plonsey
David Kilpatrick
Andy Daubenspeck
Daming Wei
Leonid Titomir
Metin Akay

Rajko Tomovic
Graeme Rathdowne
Robert Barnett
Brian Lithgow
Jaakko Malmivuo

Tina Karu
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Hiie Hinrikus
Tina Karu

Stig Ollmar
Dale Murphy
Stig Ollmar

Julia Tsuei
Marc Cohen
Julia Tsuei

Richard Potember
Antony Rees
Irena Cosic
Lars Korsnes

DEADLINES

Paper submissions	25 September 1997
Notification of Acceptance	15 November 1997
Camera Ready Manuscript	1 December 1997
Registration (regular fee)	1 December 1997

PRE - CONFERENCE WORKSHOPS

Pre-conference workshops will be arranged in the fields of :

- ❖ electromagnetism in alternative medicine,
- ❖ signal and image processing,
- ❖ electro-muscular stimulation,
- ❖ biomolecular electronics and modelling.

The workshops will be held at Monash University, Caulfield Campus.

PRIZE

Ragnar Granit Prize will be awarded for the best young scientist contribution. The prize is funded by the Ragnar Granit Foundation, Tampere, Finland.

SOCIAL PROGRAM

An extensive social program is being planned including barbecues on the beach, bus trips to Phillip Island to watch the fairy penguins, and a special conference dinner.

VENUE

The conference will be held at the Sheraton Towers Hotel in the centre of Melbourne.

WORLD WIDE WEB

Look for our page which also has links to airline schedules and information about both Victoria and Australia.

<http://www.monash.edu.au/oce/icbem.htm>

EXHIBITION

During the conference a related exhibition will be held.



EXPRESSION OF INTEREST

2nd International Conference on Bioelectromagnetism Melbourne, Australia 1998

Return to : Monash University, Office of Continuing Education

Wellington Road, Clayton VIC 3168 AUSTRALIA Or Fax To : +61 3 9905 1343

..... Title First Name Surname

..... Position or Occupation

..... Organisation

..... Postal Address

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I intend to submit a paper

I propose to attend the Conference as a delegate

Please add my name to the mailing list

I am interested in the Exhibition

