

The European Society of Engineering and Medicine (ESEM)
has great pleasure in announcing the

**3rd EUROPEAN CONFERENCE
 ON ENGINEERING AND MEDICINE
 30th April–3rd MAY 1995
 Palazzo dei Congressi, Florence, Italy**

The purpose of ESEM is to establish a bridge between Engineering and Medicine in relevant areas of research and clinical application where the contribution of technologies and methodologies of engineering science are fundamental for diagnosis, therapy, rehabilitation and health services. The goal of the meeting is to bring together experts from different disciplines to discuss the emerging problems in the following areas:

BIOIMAGING TECHNIQUES (MRI, US, Pet Scanning, 3D Reconstruction, Virtual Reality, Endoscopic Minimum Invasive Surgery)

MEDICAL IMPLANTS AND ARTIFICIAL ORGANS (In: Orthopaedics, Cardiology, Ophthalmology, Cochlear Implants, Neuroprosthesis, Pacemaker, Artificial Sphincters, Heart, Pancreas and Kidney)

BIOIGNAL PROCESSING, MODELLING AND MEDICAL NETWORK (ECG, EMG, EEG, Movement Analysis, Medical Robotics, Expert System, Neural Networks, Biosensors, Medical Networks)

All interested researchers are kindly invited to present their works in these areas; deadline for presentation of abstracts is the 15th November 1994.

Specific symposia will be devoted to the Health Policy, the Market of Medical Technologies and Education in Bioengineering.

Pre Congress Top-courses are planned on: Biotransducers and microelectronics, Medical robotics, New biomaterials, Neural networks, Signal processing applied in hearing, Modern explorations of gastro-intestinal tract, neurophysiology and neuropathology, Intensive care units and anaesthesiology, Modern cardiovascular explorations and Functional exploration of vision.

An exhibition is planned to display the latest technical equipments, pharmaceutical products and publications.

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We look forward to meeting you in Florence

President

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