

EMBS HEADLINE E-NEWS

The Engineering in Medicine and Biology Society of the IEEE advances the application of **all** engineering sciences and technology to medicine and biology, promotes the profession, and provides global leadership for the benefit of its members and humanity by disseminating knowledge, setting standards, fostering professional development, and recognizing excellence.

- **Welcome to IFESS!**
- **Final Programs** for **NER 2003** and **ITAB 2003** are now available for viewing at the Conference Websites
 - **Special Topic Conference on Neural Engineering**
<http://www.dartmouth.edu/~ne2003/>
 - **Special Topic Conference on Information Technology Applications in Biomedicine (ITAB 2003)**
<http://www.mis.coventry.ac.uk/biocore/itab2003>
- **Who wouldn't want to go to CANCUN?**
- **Call For Papers Journals & Conferences**
 - IEEE Transactions on Biomedical Engineering (T-BME)
 - IEEE Transactions on Information Technology in Biomedicine (T-ITB)
 - BIO, MICRO, NANOSystems Conference
 - 25th Silver Anniversary IEEE Engineering in Medicine and Biology Society International Conference
 - IEEE EMBS APBME Conference
- **Registration For Summer Schools**
 - 2nd IEEE EMBS International Summer School and Symposium on Medical Devices and Biosensors
- **Student Information, Grants & Paper Competition**
 - EMBS Student Paper Competition Sponsored by the Whitaker Foundation
 - Travel Grants for BIO, MICRO, NANOSystems Conference
 - Penn State University Announces a Biomaterials & Bionanotechnology Summer Institute

Welcome to IFESS

IEEE EMBS welcomes the International Functional Electrical Stimulation Society (IFESS) as a Technical Co-sponsor of the IEEE Transactions on Neural Systems and Rehabilitation Engineering. IFESS joins RESNA in providing technical support of the Journal.

Who wouldn't want to go to CANCUN?

The IEEE Engineering in Medicine and Biology Society is pleased to announce the celebration of the Silver Anniversary of its annual international conference in Cancun, Mexico in 2003. This is the first time that an IEEE EMBS International Conference will

be held in Latin America. The venue for the Conference is the Fiesta Americana Grand Coral Beach Hotel, located at the heart of the city. The conference committee cordially invites you to attend EMBC'2003.

Cancun is located off the northeast point of Mexico's Yucatan peninsula, in the Mexican state of Quintana Roo. Cancun is blessed with endless stretches of white sand beaches kissed by turquoise waters. The weather is sunny and pleasant; average temperatures for September days range between 25°C (77°F) and 30°C (86°F). Climate is enjoyable throughout the day. An interesting part of a visit to Cancun is the opportunity to learn about the Mayan Civilization, exploring the ruins left behind.

Final Programs

Final Programs for the Special Topic Conference on Neural Engineering (NER 2003) and the Special Topic Conference on Information Technology Applications in Biomedicine (ITAB 2003) can now be viewed online at the conference websites. Please join us in either Italy or England at the conference.

Call For Papers – JOURNALS

IEEE Transactions on Biomedical Engineering (T-BME)

Special Issue on Brain Wave Interface. **Deadline 30 July 2003.** Visit the Journal website for more information. <http://bme.cnel.ufl.edu/>

IEEE Transactions on Information Technology in Biomedicine (T-ITB)

Special Issue on mHealth Emerging Mobile Technologies for Health Applications.

Deadline 30 August 2003. Visit the Journal website for more information.

<http://www.vtt.fi/tte/samba/projects/titb/>

Call For Papers – CONFERENCES

2003 BIO-, MICRO- and NANOSystems Conference

7-10 July 2003, New York, New York, USA

Paper Submission Deadline: 4 APRIL 2003

First time collaboration between EMBS and The American Society for Microbiology. The conference will provide a forum for the exchange of scientific information in the emerging research area of biological materials, especially whole cells, used for the realization of molecular-scale machines. This conference will provide a unique opportunity for microbiologists, physicists, engineers, and other working at this interface of many disciplines to interact, network and form interdisciplinary alliances. Student travel grants are available for EMBS student members.

<http://www.asmta.org/mtgs/biomicronano.htm>

25th Silver Anniversary IEEE EMBS International Conference

Paper Submission DEADLINE: 2 May 2003

<http://itzamna.uam.mx/cancun>

IEEE EMBS Asia-Pacific Biomedical Engineering Conference

20-22 October 2003, Keihan-na Plaza Hotel Seika-cho, Sagara, Kyoto JAPAN 619 0237

Paper Submission Deadline: 16 May 2003

In conjunction with 17th Autumnal Conference of Japan Society of Medical Electronics and Biological Engineering, 6th Polish-Japanese Seminar on Contribution of the Information Science to Medicine, and International Symposium on e-Health Care. The purpose of this combined conference is to provide a regional forum for exchanging ideas and recent research results in the relevant areas and to explore new trends of biomedical engineering in the 21st century. The Conference Committee invites you to attend this joint BME conference. Sponsored by JSMEBE, EMBS Japan Chapter and IEEE EMBS. <http://chihara.aist-nara.ac.jp/apbme2003/>

Registration for Summer Schools

2nd IEEE EMBS International Summer School and Symposium on Medical Devices and Biosensors

25-29 June 2003 Summer School, 30 June-1 July 2003, Symposium
Chinese University of Hong Kong, Hong Kong, PRC
<http://bme.ee.cuhk.edu.hk/iss-mdb/>

Student Grants and Paper Competition

EMBS Student Paper Competition Sponsored by the Whitaker Foundation

The 25th Silver Anniversary of the IEEE EMBS International Conference will coordinate a Student Paper Competition sponsored by IEEE EMBS and the Whitaker Foundation. Please see the conference website for details. [^](#)

Student Grants for BIO, MICRO, NANOSystems Conference

A limited number of travel grants of \$500 each are available for predoctoral students and new postdocs (within one year of earning doctoral degree). To qualify, applicants must: 1) be a member of ASM or IEEE-EMBS; 2) be the presenting author on an accepted abstract; and 3) be either at the predoctoral level or within one year of earning a doctoral degree. Applicants submitting an abstract via the ASM web site must check the box on the screen when filling out the electronic submission form. After abstracts have been reviewed, all applicants will be contacted by ASM to provide the information needed to complete their travel grant applications.

Penn State University Announces a Biomaterials & Bionanotechnology Summer Institute

With funding from the National Institute of Health ([NIH](#)) and the National Science Foundation ([NSF](#)), the Penn State Departments of [Bioengineering](#), [Chemistry](#), and the [Hershey](#) Medical Center have developed a new summer institute to provide interdisciplinary research experience and training in Biomaterials and Bionanotechnology. Detailed information and on-line applications can be found at <http://www.bbsi.psu.edu/>.

EMBS Technically Co-sponsored Conferences

IEEE 29th Annual Northeast Bioengineering Conference

22-23 March 2003, New Jersey Institute of Technology, Newark, NJ

<http://nebc2003.njit.edu/>

2003 Summer Bioengineering Conference

June 25 - June 29, 2003, Sonesta Beach Resort, Key Biscayne, FL

<http://www.asme.org/divisions/bed/events/summer03.html>