



# 16th International Zurich Symposium on Electromagnetic Compatibility

Technical Exhibition on EMC and RF/Microwave Measurements & Instrumentation (February 15-17)

EMC Zurich 2005, Zurich, Switzerland  
February 14-18

**ETH**

Eidgenössische Technische Hochschule Zürich  
Swiss Federal Institute of Technology Zurich



Celebrating 150 years ETH Zurich

# Topical Meeting

## Biomedical EMC

The Topical Meeting on Biomedical EMC will take place February 16-18, 2005 in conjunction with EMC Zurich 2005 in three half-day sessions.

Papers are solicited on the following topics:

### - Session 1: Low Frequency Interactions

Chairs: Dr. Maria Stuchly (University of Victoria, Canada) and Dr. John Nyenhuis (Purdue University, USA)

- powerline frequency modeling, dosimetry
- investigation of interactions in magnetic resonance imaging
- exposure studies

### - Session 2: Medical Applications of EM Fields - Imaging, Diagnosis and Treatment

Chairs: Dr. Elise Fear (University of Calgary, Canada) and Dr. Susan Hagness (University of Wisconsin, USA)

- electromagnetic hyperthermia and ablation therapy
- microwave imaging
- EIT
- terahertz imaging

### - Session 3: Higher Frequency Interactions

Chairs: Dr. Om Gandhi (University of Utah, USA) and Dr. Gianluca Lazzi (NC State University, USA)

- cellular telephone and device dosimetry and interference assessment
- compliance systems and standards
- tissue measurements and characterization
- exposure studies

### Important Dates

Abstract submission (1 page minimum)	<b>October 1, 2004</b>
Notification of acceptance	<b>November 19, 2004</b>
Final paper submission (up to 6 pages)	<b>January 7, 2005</b>

**For more information**  
**[www.emc-zurich.ch](http://www.emc-zurich.ch)**

### Meeting Organizers

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The 16th International Zurich Symposium on EMC is supported by the following institutions:



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