

The official meeting of the International Society for Bioelectromagnetism ICBEM2007: 6th International Conference on Bioelectromagnetism

Dates: Oct 16 – 19, 2007

Venue: University of Aizu, Aizu-Wakamatsu City, Fukushima 965-8580, Japan

jointly held with 7th IEEE International Conference on Computer and Information Technology

Scope

Topics of particular interests include, but are not limited to:

- ✦ Bioelectric and biomagnetic phenomena
- ✦ Mathematical and computer models:
 - ion channels, tissues, and whole-heart
- ✦ High-performance computing and computer simulations
- ✦ Theory and algorithms in the forward problem
- ✦ The inverse problem and source imaging
- ✦ Visualization and virtual reality
- ✦ Mapping techniques
- ✦ Electrocardiograms
- ✦ Magnetocardiograms
- ✦ Electroencephalograms
- ✦ Magnetoencephalograms
- ✦ Electromyograms
- ✦ Bioelectric and biomagnetic signal processing
- ✦ Signal and image processing in CT and MRI
- ✦ Bioelectromagnetic measurement and instrumentation
- ✦ Brain-computer interface (BCI)
- ✦ Information technology for bioelectromagnetism
- ✦ e-healthcare, m-healthcare, and u-healthcare



Highlights of conference

- ✦ A multidisciplinary conference focused on bioelectric and bio-magnetic phenomena.
- ✦ Jointly held with 7th IEEE International Conference on Computer and Information Technology.
- ✦ Keynotes by world leading experts for participants from both Bio and IT
- ✦ A historical place with beautiful nature and traditional Japanese culture.

Organized by

International Society for Bioelectromagnetism

(<http://www.isbem.org/>)

Hosted by

the University of Aizu, Japan

(<http://www.u-aizu.ac.jp/>)

In cooperation with

IEEE computer Society

Access Guide

Flight to Narita airport then use domestic transpirations. Express and local trains from Tokyo to Aizu-wakamatsu take approximate 2.5 hours.

Direct flights from Shanghai or Seoul to Fukushima airport are available.

Bus from Fukushima airport to Aizu-wakamatsu takes about 1.5 hours.



Important Dates

Paper Submission Due	May 1st
Acceptance Notification	June 1st
Camera Ready Due	July 1st
Early Registration Due	August 1st
Conference	October 16 - 19

