

Call for proposals for IEEE CBMS 2018 and beyond

The Steering Committee of the IEEE International Symposium on Computer-Based Medical Systems (CBMS) invites proposals from IEEE Regions, Sections, EMS Chapters, professional societies and academic groups proposals for hosting CBMS 2018 and future meetings.

The IEEE Symposium on Computer-Based Medical Systems (CBMS) operates under the sponsorship of the IEEE Computer Society. The annual symposium is in its 30th year and has been previously hosted at various sites in the USA, Europe, once in Australia and another in Brazil.

Recent venues have been:

2007 – Maribor, Slovenia
2008 – Jyväskylä, Finland
2009 – Albuquerque, USA
2010 – Perth, Australia
2011 – Bristol, UK
2012 – Rome, Italy
2013 – Porto, Portugal
2014 – New York, USA
2015 – São Carlos, Brazil
2016 – Dublin & Belfast, Ireland & UK
2017 – Thessaloniki, Greece

CBMS provides a yearly international forum for reporting on the latest R&D in the fields of computational medicine, medical image processing, biomedical informatics, decision support systems and related fields. The scientific program of CBMS usually comprises of regular sessions with technical contributions reviewed and selected by an international program committee, as well as keynote talks and tutorials given by leading experts in their fields.

Following previous years' world-wide succession of organizations (North America, South America, and Europe x2), proposals from all over the world are welcome, especially those that could promote the returning of the event to North America.

IEEE CBMS is the leading conference for computational medicine. It is an international forum for the exchange of ideas and technologies between scholars and practitioners. We solicit submissions on previously unpublished research work. Example areas include but are not limited to:

- Data Analysis and Knowledge Discovery
- Knowledge Representation
- Decision Support and Recommendation Systems
- Big Data and Everywhere Data Management
- Systems Integration and Security
- Biomedical Signal and Image Processing and Machine Vision
- Clinical and Healthcare Services Research
- Human-Computer Interaction (HCI) in Healthcare

- Computer-supported Cooperative Work (CSCW) in Healthcare
- Medical Education
- Robotics, Intelligent Medical Devices and Smart Technologies
- Bioinformatics

Proposal Documentation

Proposals offering to host and organize CBMS require approval by the CBMS Steering Committee. In order to review a proposal, the following information is minimally necessary:

- Dates for the conference (any alternate dates, and flexibility as appropriate)
- General information on the city/state/country of the venue
- General information on the conference hotel and/or convention center
- Estimated cost of organizing the meeting for approximately 150-250 attendees
- Available co-sponsoring organization (e.g., university) and any financial limitations
- Request for consideration of co-sponsors (e.g., regional IEEE chapters, local sections)

- Proposed organizing committee, which should include, at least
 - Conference General Chair(s)
 - Program Committee Chair(s)
 - Financial Chair(s)
- Short CV summary of the organizing committee, especially focusing on previous organizations of major scientific events

It is advantageous that at least one of the proposed conference committee members has prior experience in organizing an IEEE conference, special consideration will be made for proposers who have previous CBMS experience, minimally as an attendee but ideally in a leadership or volunteering role.

The proposals should be in PDF format and should not exceed 10 pages. The proposals are due to the CBMS Steering Committee by **June 22th, 2017**, via the email address provided below.

Please submit proposals via email to pprodrigues@med.up.pt and be sure to include your organizational affiliation(s), phone, email, and regular mailing addresses.

The proposals will be reviewed by the CBMS Steering Committee members and will be discussed at the Steering Committee meeting that will be held during the CBMS 2017 Conference. The proposers are required to attend CBMS 2017 and may participate in relevant portions of the meeting to make their presentation and provide any updates to their proposal. Attendance will be at their own expense and no expenses may be attributed to a CBMS Conference Budget prior to its approval.

Please direct any questions to us via email: pprodrigues@med.up.pt

Thanks for your will to help in the organization effort of CBMS!

Pedro Pereira Rodrigues