

ITiB 2017

Special Session on IT in Biomedicine

at the 9th Asian Conference on Intelligent Information and Database Systems (ACIIDS 2017)

Kanazawa, Japan, April 3-5, 2017

Conference website: <http://www.aciids.pwr.edu.pl/>

Special Session Organizers

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Objectives and topics

The ITiB 2017 Special Session offers an opportunity to gather research scientific works related to Information Technologies in context of Biomedicine.

Special Section focuses on the use of IT technologies in biomedicine and military bioscience where we are searching for basic and applied papers. IT and biomedicine have been chosen deliberately as two fields in which international excellence has been being achieved over a long period of time.

The goal of this special session is to bring together researchers from different fields of expertise, lead to a better understanding between them, and to promote interaction in this new and interdisciplinary area. All in all, we want to create an opportunity for the participants to exchange about a wide range of topics related to the area of information technologies in biomedicine.

Topics of interest include:

- Cloud Computing in Biomedicine
- Big Data Handling and Protection in Biomedicine
- High Performance Computing in Biomedicine
- Parallel Computing in Biomedicine
- Biomedical Data Collecting System
- Data-Mining in Biomedicine
- Artificial Neural Networks in Biomedicine
- Imaging in Biomedicine
- Computational Methods in Chemistry
- Bioinformatics & Biosystems
- Biophysical Simulations in Biomedicine
- Intelligent Computational Methods for Drug Discovery
- Computer-Aided Drug Design

- Stochastic Modelling in Biomedicine

Any other topics strongly related to Information Technologies in Biomedicine are also welcome. Please contact directly session chair to confirm a suitability of your paper topic.

Important dates

Submission of papers: **31 October 2016 (Hard deadline!!!)**

Notification of acceptance: **1 December 2016**

Camera-ready papers: **15 December 2016**

Registration & payment: **15 December 2016**

Conference date: **3-5 April 2017**

Program Committee (to be extended) – confirmation in progress

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 Prof. Teodorico C. Ramalho, Federal University of Lavras. Department of Chemistry, UFLA, Brasil
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Submission

All contributions should be original and not published elsewhere or intended to be published during the review period. Authors are invited to submit their papers electronically in pdf format, through EasyChair. All the special sessions are centralized as tracks in the same conference management system as the regular papers. Therefore, to submit a paper please activate the following link and select the track: **ITiB 2017: Special Session on IT in Biomedicine.**

<https://easychair.org/conferences/?conf=aciids2017>

Authors are invited to submit original previously unpublished research papers written in English, of up to 10 pages, strictly following the LNCS/LNAI format guidelines. Authors can download the Latex (recommended) or Word templates available at [Springer's web site](#). Submissions not following the format guidelines will be rejected without review. To ensure high quality, all papers will be thoroughly reviewed by the ITiB 2017 Program Committee. All accepted papers must be presented by one of the authors who must register for the conference and pay the fee. The conference proceedings will be published by Springer in the prestigious series LNCS/LNAI (indexed by ISI CPCI-S, included in ISI Web of Science, EI, ACM Digital Library, DBLP, Google Scholar, Scopus, etc.).