

# 8th International Conference on Computational Bioengineering

4-6 September, 2019, Belgrade, Serbia

Dear Colleagues,

We are pleased to invite you to the [8th International Conference on Computational Bioengineering \(ICCB 2019\)](#) which will be held on 4-6 September, 2019, in Belgrade, Serbia.

The focus of the ICCB 2019 conference will be to bring together the latest and most relevant topics in the field of Computational Bioengineering. It will include computational methods for cardiovascular disease prediction with emphasis on biomechanics, biomedical decision support system, data mining, personalized diagnostics, bio-signal processing, protein structure prediction, biomedical image processing, analysis and visualization, high performance computing and nanomedicine.

[Abstract submissions](#) are now open.

## Important dates

One-page abstract submission

15 March 2019

Acceptance of contributions

1 April 2019

Full paper submission (not mandatory), final acceptance and early payment (mandatory for presenting authors)

1 June 2019

## Main topics

- Biomechanics
- Cardiovascular engineering
- Patient-specific modeling

- Population-based modeling
- Multiscale modeling
- Molecular dynamics, Dissipative particle dynamics
- Data Mining application in medicine
- Neural engineering
- Biomedical decision support system
- Gene expression analysis and engineering
- Signal processing and data mining
- Biomaterials and dental biomechanics
- Nanomedicine
- Tissue and cell engineering
- Computational chemistry
- High performance computing
- Sports bioengineering

### **Paper submission**

Papers submitted to the contributed sessions will be reviewed by the conference Scientific committee. The paper-review process will be carried out online via the Conference web page. At least two reviewers will evaluate each contribution.

From all received full papers, the Scientific Committee will select the most relevant ones. The authors will be invited to send an extended version that will be published in specialized journals after the corresponding peer-review process.

The Conference Proceedings will consist of a hard-printed book of abstracts and an e-book including only full papers (in electronic format).