

## **Call for paper of the workshop BMB'2021**

The second international workshop on Biomathematics Models and Biosensing BMB'2021 will be organized at Warsaw (Poland) in conjunction with ANT'2021 the 12th International Conference on Ambient Systems, Networks and Technologies during **March 23 to 26, 2021**.

BMB'2021 aims to bring together academics and practitioners who are involved in mathematics, computer science and biotechnology to learn about the latest research developments, share experiences and information about this area and develop recommendation

Bio-mathematical models represent an emerging field that has a potential impact on the development of biosensors that are exporters of large amounts of complex data generated by transactions in the health and environment sector.

The Biosensing field combining biology and bio- mathematical models induces a large amount of IT and technical resources to optimize large data extracted from several contexts, particularly applications related to health and the environment.

The topics of interest for the workshop include, but are not limited to:

- Models theory
- Pattern recognition
- Image processing
- Biometry
- Data Mining
- Classification methods
- Embedded and real-time systems
- Intensive and parallel computing
- Machine learning
- Data mining
- NoC architecture
- Optimization methods
- Advanced computing
- Industrial Case studies in biosensing

### **list of TPC members**

M. BELARBI	University of Tiaret – Algeria- LIM research Lab
A. BENYAMINA	University of Oran – Algeria
E-B. BOURENANE	University of Bourgogne - France
A. BOURIDANE	University of New Castle - United Kingdom
A. CHIKHAOUI	University of Tiaret – Algeria
A. CHOUARFIA	University of Oran – Algeria
M. LAADJEL	CRD-GN - Algiers – Algeria
M. MERATI	University of Tiaret – Algeria
M. NABTI	CRD-GN Algiers- Algeria
O. NOUALI	CERIST - Algiers- Algeria
M. OULD-CHEIKH	EMP of Bordj El-Behri – Algeria

M. SENOUCI	University of Oran – Algeria
M. BOUDJELLAL	University of Mascara– Algeria
R. BENARABA	University of Tiaret– Algeria
K. BENHOUA	University of Oran– Algeria
S. MAHMOUDI	University of Mons– Algeria
M. DEBDAB	University of Tiaret– Algeria
M. BENMOHAMED	University of Constantine– Algeria
C. LAMICHE	University of Msila– Algeria
M SAWAN	University of Montreal– Algeria
M SAWAN	University of Montreal
D. TURKI	University of Tiaret– Algeria
M. KOUDIL	ESI - Algiers– Algeria
S. CHIKHI	University of Constantine– Algeria
M. YAGOUBI	University of Laghouat– Algeria
C. BABAHNINI	University of Biskra– Algeria
A. BILAMI	University of Batna– Algeria
D. SAIDOUNI	University of Constantine– Algeria
A. CHAOUI	University of Constantine– Algeria
M. ALLOACHE	CDTA-Algiers
M.-A RABAH	Algerian Space Agency-Arzu
A BENGHANI	University of Tiaret- LIM research Lab
Aek. SENOUCI	University of Tiaret- Algeria- LIM research Lab
H. BENALI	University of Tiaret- Algeria- LIM research Lab

### Organizing committee

- Conference chair Dr. Mostefa BELARBI - University of Tiaret
- Conference co-chair Dr. Medjeded MERATI - University of Tiaret

### Submission Guidelines

The submitted paper must be formatted according to the guidelines of Procedia Computer Science, MS Word Template, Latex, Template Generic, Elsevier. Submitted technical papers must be no longer than 6 pages including all figures, tables and references.

All papers must be original and not simultaneously submitted to another journal or conference. Authors are requested to submit their papers electronically in PDF format before the deadline (see Important Dates). The submission processes will be managed by [easychair.org](http://easychair.org). If you have used this system before, you can use the same username and password. If this is your first time using EasyChair, you will need to register for an account by clicking "I have no EasyChair account" button. Upon completion of registration, you will get a notification email from the system and you are ready for submitting your paper. You can upload and re-upload the paper to the system by the submission due date.

**Important dates:**

Submission deadline November 30, 2020

Acceptance Notification: January 4, 2021

Final Manuscript due January 31, 2021

**Publication**

All accepted papers will be scheduled for oral presentations and will be printed in the conference proceedings published by Elsevier Science in the open-access Procedia Computer Science series (on-line). At least one author of each accepted paper is required to register and attend the conference to present the work.

**Venue**

The conference will be held in Warsaw, Poland.

**Contact**

All questions about submissions should be emailed to [mbelarbimostefa@univ-tiarer.dz](mailto:mbelarbimostefa@univ-tiarer.dz) or [medjeded.merati@univ-tiaret.com](mailto:medjeded.merati@univ-tiaret.com)