

June 27–29, 2018 – Balıkesir, Turkey

International Conference on Applied Mathematics in Engineering



Aims & Scope

We are pleased to announce that the International Conference on Applied Mathematics in Engineering (ICAME18) will be held from June 27 to June 29, 2018 in Burhaniye/Balıkesir, Turkey. The aim of this conference is to bring together very well-known researchers and academicians in the field of applied mathematics and engineers in order to debate hot and interdisciplinary topics in control, fractional calculus, optimization and their applications in engineering science.

Main Topics

Topics of interest include (but are not limited to) applied mathematics, fractional calculus and applications, optimization and control in engineering, mathematical modelling with engineering applications, non-linear dynamical systems and chaos, operational research

Special Sessions

- Optimization
- Control Theory & Applications
- Fractional Calculus with Applications in Biology
- Numerical Methods in Fractional Calculus
- Discrete Fractional Calculus with Applications
- New Fractional Derivatives and Their Applications
- Non-linear Dynamical Systems and Chaos
- Modelling, Optimization and Control in Energy Systems
- Analytical and Numerical Methods for Solving Nonlinear Partial Differential Equations

Plenary Speakers (in Alphabetical Order)

- Albert C. J. Luo, Southern Illinois University Edwardsville, USA
- J. A. Tenreiro Machado, Polytechnic Institute of Porto, Portugal
- Jordan Hristov, University of Chemical Technology and Metallurgy, Bulgaria
- Ravi P. Agarwal, Texas A&M University-Kingsville, USA

Invited Speakers (in Alphabetical Order)

- Carla Pinto, Polytechnic of Porto, Portugal
- Mehmet K. Leblebicioglu, Middle East Technical University, Turkey

Submission

ICAME18 welcomes all original submissions **electronically via EasyChair**: <https://easychair.org/conferences/?conf=icame18>. All authors need to submit their abstracts (min 250 words, no more than one page including references) within the deadline making sure that all author details are complete. The corresponding and the presenting authors must be clearly identified when doing so. All abstracts must be prepared according to the template available at [this link \(click here\)](#). Accepted abstracts will appear in a short book of abstracts with ISBN.

Post-conference Publication

After the conference, the authors of the presented abstracts will have the opportunity of submitting full papers to the following journals/books:

- *ITM Web of Conferences (indexed in Web of Science, may subject to further charges)*
- *An International Journal of Optimization and Control: Theories & Applications*
- *Springer Book*
- *Special issues organised in ISI journals will be announced soon.*

Honorary Chair

Kerim OZDEMIR, Balıkesir University (Rector), Turkey

Chair

Ramazan YAMAN, Balıkesir University, Turkey

Co-chairs

J. A. Tenreiro Machado, Polytechnic Institute of Porto, Portugal

Necati Ozdemir, Balıkesir University, Turkey

Dumitru Baleanu, Cankaya University, Turkey

International Scientific Committee

Afraimovich, V., Mexico

Agarwal, R.P., USA

Ahmad, I., Saudi Arabia

Akin, O., Turkey

Andrade, J.M., UK

Area, I., Spain

Atanackovic, T., Serbia

Atangana, A., South Africa

Bagirov, A., Australia

Baskonur, H.M., Turkey

Baleanu, D., Turkey

Bulut H., Turkey

Caputo, M., Italy

Cattani, C., Italy

Celik, E., Turkey

Chen, W., China

Dassios, I., Ireland

Debbouche, A., Algeria

El-Khazali, R., United Arab Emirates

El-Sayed, A., Egypt

Erturk, V.S., Turkey

Golmankhaneh, A.K., Iran

Gulsu, M., Turkey

Hammouch, Z., Morocco

Holm, S., Norway

Hristov, J., Bulgaria

Inc, M., Turkey

Jafari, H., South Africa

Karapinar, E., Turkey

Kaya, D., Turkey

Kazmi, I., Pakistan

Keedwell, E.C., UK

Klimek, M. Poland

Konuralp, A., Turkey

Kumar, D., India

Leblebicioglu, K., Turkey

Li, C.P., China

Liu, F., Australia

Luo, A.C.J., USA

Machado, J.A.T., Portugal

Magin, R. L., USA

Marin, M., Romania

Mandzuka, S., Croatia

Markowski, K.A., Poland

Merdan, H., Turkey

Momani, S., Jordan

Nigmatullin, R. R., Russia

Pinto, C.M., Portugal

Podlubny, I., Slovakia

Povstenko, Y., Poland

Prodanov, D., Belgium

Sari, M., Turkey

Shimizu, N., Japan

Sproessig, W., Germany

Sulaiman, S., Malaysia

Tabucanon, M.T., Thailand

Tarasov, V.E., Russia

Thuto, M.V., Botswana

Torres, D.F.M., Portugal

Townley, S., UK

Trujillo, J.J., Spain

Weber, G.W., Poland

Wu, G.C., China

Zhang, D.Z., UK

Important Dates

Abstract Submission Deadline: April 1, 2018

Notification of acceptance: April 30, 2018

Early-bird registration deadline: April 30, 2018

Late registration deadline: June 1, 2018

Conference: June 27–29, 2018

Early Registration

Academic: 200 Euro/600 TL

Student: 100 Euro/350 TL

Accompanying: 100 Euro/300 TL

Late Registration

Academic: 225 Euro/750 TL

Student: 115 Euro/400 TL

Accompanying: 100 Euro/300 TL

Venue

Balıkesir University, BUBYO Hotel, Enver Gureli St., 10700, Burhaniye, Balıkesir, Turkey