



**ICOA**  
2019  
OPTIMIZATION

**NATIONAL SCHOOL OF APPLIED SCIENCES OF KENITRA**

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**The 5<sup>th</sup> edition of the International Conference on Optimization and Applications**

**April 25-26, 2019 ENSA of Kenitra, Morocco**

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**AIM AND SCOPE**

The 5th edition of the International Conference on Optimization and Applications (ICOA2019) provides a high-level international forum and an excellent venue for scientists, researchers, academic faculties, students, industry leaders, and others in the fields of optimization to present, discuss and publish their recent research results and approaches. The conference is an opportunity to develop new ideas and collaborations, and to be aware of the latest research trends in the optimization techniques and their applications in the various fields. This 5th edition is enriched by very important special sessions that deal with problems using the latest methods of optimization.

**TOPICS**

**Tools and Methods :**

- Artificial Intelligence
- Learning Algorithms
- Combinatorial Optimization and Mathematical Programming
- Numerical Methods
- Linear and Non-linear Programming
- Multiobjective Programming
- Parallel and Distributed Computation
- Bio-inspired Computations and Neural Networks
- Fuzzy systems
- Evolutionary Computing
- Metaheuristic Optimization Algorithms
- Hybrid Algorithms
- Dynamic Optimization
- Continuous Optimization

**Fields and Areas :**

- Electric, Electronic engineering
- Embedded Systems
- Telecommunication Engineering
- Robotic
- Control and Mechatronics
- Physics
- Civil Engineering
- Smart Grids and energy systems
- Smart city and traffic simulation
- Aerospace, Naval and Marine Engineering
- Transportation, Logistic Engineering
- Software and Computer Engineering
- Big data
- Scheduling and Data mining
- Bio mathematics
- Automotive mechatronics
- Aviation

**INVITED SPEAKERS**

**Prof. Dr. José Machado da Silva**, Faculty of Engineering, University of Porto, Portugal  
**Prof. Dr. MEHAR Chand**, Department of Mathematics Baba Farid College, Bathinda, India  
**Prof. Dr. ROVETTA Stefano**, Unige University, Genova, Italy  
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**SUBMISSION GUIDELINES**

- A-All submissions should be written in English.**
- B-Submitted papers must be unpublished and not considered elsewhere for publication.**
- C-Only electronic submissions in PDF format will be considered.**
- D-Papers must be 4-6 pages, including references, figures and tables, according the IEEE format, <https://www.ieee.org/conferences/publishing/templates.html>**

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