Call for Contributions for
Submission:
1. Inform the Chair: with the Title of your Contribution
2. Submission URL:
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=FASSI+2019+Special
Please select Track Preference as **TOA**

Special track

TOA: Trends in Optimization and its Applications

Chair and Coordinator

Dr. Imen Ben Mansour, ENSI-UMA, Tunisia
imen.benmansour@ensi-uma.tn

along with

FASSI 2019, The Fifth International Conference on Fundamentals and Advances in Software Systems
Integration
http://www.iaria.org/conferences2019/FASSI19.html
October 27, 2019 to October 31, 2019 - Nice, France

In recent years, spectacular progress has been made in optimization problems whose expressive power make them suitable for a wide number of real world applications. Various algorithms have been proposed to approximate combinatorial hard optimization problems by providing solution close to the optimal one. Further, recent methods have made possible solving optimization problems involving thousands of variables and/or constraints in reasonable time. Moreover, along with progress in high-quality software, a large range of robust optimization was developed which offers new techniques for preventing solutions to be too sensitive to parameters setting or noise.

These and other fundamental developments have expanded the optimization problems that can be addressed in practice, and are leading to a wider adoption of optimization techniques throughout many fields in science and engineering.

The main objective of this track is to bring together scientists from many different fields in science and engineering to develop and exchange ideas about modern methods in optimization and its real world applications.

Topics include, but not limited to:

- Optimization based approaches for Software Systems and Engineering
- Optimization based approaches for Real Industrial Cases
- Stochastic Optimization
- Nonlinear Optimization
- Combinatorial Optimization
- Bi-level Optimization
- Multiobjective Optimization
- Linear Optimization
- Evolutionary and Bioinspired Algorithms
- Metaheuristics
- Tuning and Control of Optimization Algorithms
- Performance study of Optimization Algorithms
- Big Data Optimization techniques

Important Datelines
Inform the Chair: As soon as you decide to contribute
Submission: August 31
Notification: September 20
Registration: September 30
Camera-ready: September 30

Contribution Types
- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaria.org]
- Presentations: slide only [slide-deck posted on www.iaria.org]
- Demos: two pages [posted on www.iaria.org]

Paper Format
- See: http://www.iaria.org/format.html [both LaTex and .doc templates]
- Before submission, please check and comply with the editorial rules: http://www.iaria.org/editorialrules.html
- More information on camera ready preparations will be posted after the paper notifications are sent out.

Publications
- Extended versions of selected papers will be published in IARIA Journals: http://www.iariajournals.org
- Print proceedings will be available via Curran Associates, Inc.: http://www.proceedings.com/9769.html
- Articles will be archived in the free access ThinkMind Digital Library: http://www.thinkmind.org

Paper Submission
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Please select Track Preference as **TOA**

Registration
- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at http://www.iaria.org/registration.html

Contacts
Imen Ben Mansour; imen.benmansour@ensi-uma.tn
FASSI Logistics: steve@iaria.org