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The International Symposium on Modeling and Optimization

MODOPT 2018

July 22 - 26, 2018- Barcelona, Spain

<http://www.iaria.org/conferences2018/MODOPT18.html>

Important deadlines:

Submission (full paper)	March 5, 2018
Notification	May 7, 2018
Registration	May 21, 2018
Camera ready	June 8, 2018

Tracks:

- Foundations of modeling and optimization
- Enterprise modeling and optimization
- Modeling and optimization in real-time systems
- Modeling and optimization in complex systems
- Model-based software and systems engineering
- Modeling computations on modern HPC architectures
- Empirical modeling
- Modeling data-intensive computing
- Algorithms and flow optimization
- Socio-inspired optimization algorithms
- Quality assurance and modeling (analysis, testing, verification)
- Functional and non-functional properties of models
- Programming models and frameworks
- Parallel algebraic modeling
- Model transformations
- Modeling in Internet-of-Thinks systems
- Modeling and optimization in Cloud-oriented systems
- Tools for modeling and optimization
- Languages and notations for modeling and optimization
- Programming aspects for modeling and optimization
- Parallel I/O optimization, convex optimization, stochastic optimization
- Quality, clarity, and accuracy in modeling
- Modeling and statistical modeling approaches
- Performance benchmarking and optimization
- Modeling domains (data analytics, big data, systems engineering, social media, devices and services, mobile applications, health applications, open source software)
- Input noise modeling
- Modeling and Optimization of 5G RAT/RAN (Radio Access Technology/Network)
- Modeling and Optimization of Cloud Access and Small Cells
- Modeling features (collaboration, scalability, security, interoperability, adaptability)
- Maintenance an extension of models
- Cost-effectiveness of models and optimization
- Models for performance analysis and prediction