Call for Contributions

Submission:
1. Inform the Chair: with the Title of your Contribution
2. Submission URL:
https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=PESARO+2018+Special
Please select Track Preference as **MODROB**

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Special track

MODROB: Models of Robustness

Chair and Coordinator: Dimitri Scheftelowitsch, Technische Universität
Dortmund/Lehrstuhl für praktische Informatik, Germany
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along with

PESARO 2018, The Eighth International Conference on Performance, Safety and Robustness in Complex
Systems and Applications
April 22, 2018 to April 26, 2018 - Athens, Greece
http://www.iaria.org/conferences2018/PESARO18.html

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The notion of robustness stems from the need for failure-tolerant systems. In different application areas, different failure modes are relevant, which produces different mathematical notions of robustness. Different robustness models compare differently to each other and often require different computational efforts for computing corresponding robust control strategies or performance metrics.

Papers in this track are invited to develop mathematical models of robust systems for various application areas, compare them, and provide means to design performance metrics or control strategies subject to the appropriate robustness requirements.

Prospective authors are invited to submit original papers on topics including, but not limited to:
- Robust optimization;
- Multi-objective optimization;
- Robust control;
- Uncertainty quantification;
- Stochastic optimization.

Important Datelines

- Inform the Chairs: As soon as you decided to contribute
- Submission: ~~January 17, 2018~~ February 28, 2018
- Notification: ~~February 22, 2018~~ March 5, 2018
- Registration: ~~March 8, 2018~~ March 10, 2018
- Camera ready: ~~March 15, 2018~~ March 20, 2018

Note: These deadlines are somewhat flexible, providing arrangements are made ahead of time with the chair.

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
- Before submission, please check and comply with the editorial rules: http://www.iaria.org/editorialrules.html

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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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
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