CfP: 9th International Workshop on Static Analysis in Systems Biology (SASB 2018)

Submitted by Anonymous on Fri, 06/15/2018 - 10:41am

CALL FOR PAPERS - Submission deadline extended to 15 July

9th International Workshop on Static Analysis in Systems Biology (SASB 2018)

August 28, 2018 | Freiburg im Breisgau, Germany | https://www.mcss.uni-konstanz.de/sasb-2018/

SASB 2018 is a one-day workshop that aims to promote discussion and collaboration at the intersection between formal methods and biology. The program of SASB 2018 will consist of invited talks, presentations of refereed talks, and presentations of refereed papers. Contributions are welcome on all aspects of modelling languages and associated analysis techniques, including static analysis of natural biological systems and the design, specification and verification of engineered biological and chemical systems. This includes, but is not limited to:

- static analysis frameworks and tools,
- equivalences and equivalence checking techniques,
- model reduction and decomposition techniques based on static analysis,
- state space compaction based on static analysis,
- links between topology and dynamics,
- constraint-based and stoichiometric analysis,
- languages for compact description of biological models,
- formalisms for description of biological networks,
- programming languages for molecular devices,
- static analysis in verification of molecular devices design,
- standards for models and their annotation,
- case studies and method applications,
- informal methods (that could be candidate to formalisation).

Format
All papers must be original and not simultaneously submitted to another journal or conference. Full papers should be at most 12 pages, ENTCS format, excluding references. Extended abstracts (for presentation-only submissions) should be at most three pages, excluding references, in ACM proceedings format (http://www.sigplan.org/Resources/Author/#acmart-format)
Please submit your abstract via the SASB 2018 author interface of EasyChair: https://easychair.org/conferences/?conf=sasb2018.

We are currently working towards securing an open special issue in a high-quality journal.

**Important Dates**
- Abstract submission: July 1, 2018 - July 15, 2018
- Paper submission: July 8, 2018
- Notification: July 22, 2018
- Workshop: August 28, 2018

**PC co-Chairs**
- Ankit Gupta, ETH Zurich
- Tatjana Petrov, University of Konstanz

**Program Committee**
- Lea Popovic, Concordia University, Canada.
- Verena Wolf, Saarland University, Germany.
- David Safranek, Masaryk University, Czech Republic.
- Jean Krivine, IRIF, France.
- Jerome Feret, INRIA, France.
- Luca Cardelli, Microsoft, UK.
- Ashutosh Gupta, TIFR, India.
- John Bachman, Harvard University, USA.
- Loic Pauleve, CNRS/LRI, France.
- Heinz Koeppl, TU Darmstadt, Germany.
- Nicola Paoletti, Stony Brook University, USA.
- Hans-Michael Kaltenbach, ETH Zurich, Switzerland.
- Natasa Miskov-Zivanov, University of Pittsburgh, USA.
- Eugenio Cinquemani, INRIA, France.

? DEADLINE TODAY (June 15): Resilience Week 2018 Call for Submissions: Student Competition and Complex Environments CfP: The Fifth International Workshop on Security in NFV-SDN (SN-2018) ?

Calls for Papers