



DAGSTUHL REPORTS

Volume 3, Issue 2, February 2013

Fault Prediction, Localization, and Repair (Dagstuhl Seminar 13061) <i>Mary Jean Harrold, Friedrich Steimann, Frank Tip, and Andreas Zeller</i>	1
Decentralized Systems for Privacy Preservation (Dagstuhl Seminar 13062) <i>Sonja Buchegger, Jon Crowcroft, Balachander Krishnamurthy, and Thorsten Strufe</i>	22
Dependence Logic: Theory and Applications (Dagstuhl Seminar 13071) <i>Samson Abramsky, Juha Kontinen, Jouko Väänänen, and Heribert Vollmer</i>	45
Mechanisms of Ongoing Development in Cognitive Robotics (Dagstuhl Seminar 13072) <i>Jacqueline Fagard, Roderic A. Grupen, Frank Guerin, and Norbert Krüger</i>	55
Consistency in Distributed Systems (Dagstuhl Seminar 13081) <i>Bettina Kemme, Ganesan Ramalingam, André Schiper, Marc Shapiro, and Kapil Vaswani</i>	92
Communication Complexity, Linear Optimization, and lower bounds for the nonnegative rank of matrices (Dagstuhl Seminar 13082) <i>LeRoy B. Beasley, Hartmut Klauck, Troy Lee, and Dirk Oliver Theis</i>	127
Analysis, Test and Verification in The Presence of Variability (Dagstuhl Seminar 13091) <i>Paulo Borba, Myra B. Cohen, Axel Legay, and Andrzej Wąsowski</i>	144

ISSN 2192-5283

Published online and open access by

Schloss Dagstuhl – Leibniz-Zentrum für Informatik GmbH, Dagstuhl Publishing, Saarbrücken/Wadern, Germany.

Online available at <http://www.dagstuhl.de/dagrep>

Publication date

June, 2013

Bibliographic information published by the Deutsche Nationalbibliothek

The Deutsche Nationalbibliothek lists this publication in the Deutsche Nationalbibliografie; detailed bibliographic data are available in the Internet at <http://dnb.d-nb.de>.

License

This work is licensed under a Creative Commons Attribution 3.0 Unported license: CC-BY.



In brief, this license authorizes each and everybody to share (to copy, distribute and transmit) the work under the following conditions, without impairing or restricting the authors' moral rights:

- Attribution: The work must be attributed to its authors.

The copyright is retained by the corresponding authors.

Aims and Scope

The periodical *Dagstuhl Reports* documents the program and the results of Dagstuhl Seminars and Dagstuhl Perspectives Workshops.

In principal, for each Dagstuhl Seminar or Dagstuhl Perspectives Workshop a report is published that contains the following:

- an executive summary of the seminar program and the fundamental results,
 - an overview of the talks given during the seminar (summarized as talk abstracts), and
 - summaries from working groups (if applicable).
- This basic framework can be extended by suitable contributions that are related to the program of the seminar, e.g. summaries from panel discussions or open problem sessions.

Editorial Board

- Susanne Albers
- Bernd Becker
- Karsten Berns
- Stephan Diehl
- Hannes Hartenstein
- Stephan Merz
- Bernhard Mitschang
- Bernhard Nebel
- Han La Poutré
- Bernt Schiele
- Nicole Schweikardt
- Raimund Seidel
- Michael Waidner
- Reinhard Wilhelm (*Editor-in-Chief*)

Editorial Office

Marc Herbstritt (*Managing Editor*)

Jutka Gasirowski (*Editorial Assistance*)

Thomas Schillo (*Technical Assistance*)

Contact

Schloss Dagstuhl – Leibniz-Zentrum für Informatik
Dagstuhl Reports, Editorial Office
Oktavie-Allee, 66687 Wadern, Germany
reports@dagstuhl.de

Digital Object Identifier: 10.4230/DagRep.3.2.i

www.dagstuhl.de/dagrep