



Volume 14, Issue 1, January 2024

From Proofs to Computation in Geometric Logic and Generalizations (Dagstuhl Seminar 24021) <i>Ingo Blechschmidt, Hajime Ishihara, Peter M. Schuster, and Gabriele Buriola</i>	1
Fusing Causality, Reasoning, and Learning for Fault Management and Diagnosis (Dagstuhl Seminar 24031) <i>Alessandro Cimatti, Ingo Pill, and Alexander Diedrich</i>	25
Representation, Provenance, and Explanations in Database Theory and Logic (Dagstuhl Seminar 24032) <i>Pablo Barcelo, Pierre Bourhis, Stefan Mengel, and Sudeepa Roy</i>	49
Symmetric Cryptography (Dagstuhl Seminar 24041) <i>Christof Beierle, Bart Mennink, María Naya-Plasencia, Yu Sasaki, and Rachelle Heim Boissier</i>	72
The Emerging Issues in Bioimaging AI Publications and Research (Dagstuhl Seminar 24042) <i>Jianxu Chen, Florian Jug, Susanne Rafelski, and Shanghang Zhang</i>	90
Next Generation Protocols for Heterogeneous Systems (Dagstuhl Seminar 24051) <i>Stephanie Balzer, Marco Carbone, Roland Kuhn and Peter Thiemann</i>	108
Reviewer No. 2: Old and New Problems in Peer Review (Dagstuhl Seminar 24052) <i>Iryna Gurevych, Anna Rogers, Nihar Shah, and Jingyan Wang</i>	130

ISSN 2192-5283

Published online and open access by

Schloss Dagstuhl – Leibniz-Zentrum für Informatik GmbH, Dagstuhl Publishing, Saarbrücken/Wadern, Germany. Online available at <https://www.dagstuhl.de/dagpub/2192-5283>

Publication date

July, 2024

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 <https://dnb.d-nb.de>.

License

This work is licensed under a Creative Commons Attribution 4.0 International license (CC BY 4.0).



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

- Elisabeth André
- Franz Baader
- Goetz Graefe
- Reiner Hähnle
- Barbara Hammer
- Lynda Hardman
- Steve Kremer
- Rupak Majumdar
- Heiko Mantel
- Lennart Martens
- Albrecht Schmidt
- Wolfgang Schröder-Preikschat
- Raimund Seidel (*Editor-in-Chief*)
- Heike Wehrheim
- Verena Wolf
- Martina Zitterbart

Editorial Office

Michael Wagner (*Managing Editor*)
Michael Didas (*Managing Editor*)
Jutka Gasiorowski (*Editorial Assistance*)
Dagmar Glaser (*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
<https://www.dagstuhl.de/dagrep>

Digital Object Identifier: 10.4230/DagRep.14.1.i