



# DAGSTUHL REPORTS

**Volume 11, Issue 6, July 2021**

Computational Proteomics (Dagstuhl Seminar 21271) <i>Sebastian Böcker, Rebekah Gundry, Lennart Martens, and Magnus Palmblad</i> .....	1
Towards Climate-Friendly Internet Research (Dagstuhl Seminar 21272) <i>Vaibhav Bajpai, Jon Crowcroft, Oliver Hohlfeld, and Srinivasan Keshav</i> .....	14
Data Structures for Modern Memory and Storage Hierarchies (Dagstuhl Seminar 21283) <i>Stratos Idreos, Viktor Leis, Kai-Uwe Sattler, and Margo Seltzer</i> .....	38
Scalable Handling of Effects (Dagstuhl Seminar 21292) <i>Danel Ahman, Amal Ahmed, Sam Lindley, and Andreas Rossberg</i> .....	54
Parameterized Complexity in Graph Drawing (Dagstuhl Seminar 21293) <i>Robert Ganian, Fabrizio Montecchiani, Martin Nöllenburg, and Meirav Zehavi</i> ...	82
Matching Under Preferences: Theory and Practice (Dagstuhl Seminar 21301) <i>Haris Aziz, Péter Biró, Tamás Fleiner, and Bettina Klaus</i> .....	124
Approximate Systems (Dagstuhl Seminar 21302) <i>Eva Darulova, Babak Falsafi, Andreas Gerstlauer, and Phillip Stanley-Marbell</i> ....	147

## 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/dagpub/2192-5283>

### *Publication date*

November, 2021

### *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 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
- Gilles Barthe
- Daniel Cremers
- Goetz Graefe
- Reiner Hähnle
- Barbara Hammer
- Lynda Hardman
- Oliver Kohlbacher
- Steve Kremer
- Bernhard Mitschang
- 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](mailto:reports@dagstuhl.de)  
<http://www.dagstuhl.de/dagrep>

Digital Object Identifier: 10.4230/DagRep.11.6.i