



**Volume 8, Issue 10, October 2018**

Progressive Data Analysis and Visualization (Dagstuhl Seminar 18411) <i>Jean-Daniel Fekete, Danyel Fisher, Arnab Nandi, and Michael Sedlmair</i> .....	1
Encouraging Reproducibility in Scientific Research of the Internet (Dagstuhl Seminar 18412) <i>Vaibhav Bajpai, Olivier Bonaventure, Kimberly Claffy, and Daniel Karrenberg</i> ....	41
Algorithmic Enumeration: Output-sensitive, Input-Sensitive, Parameterized, Approximative (Dagstuhl Seminar 18421) <i>Henning Fernau, Petr A. Golovach, and Marie-France Sagot</i> .....	63
Shape Analysis: Euclidean, Discrete and Algebraic Geometric Methods (Dagstuhl Seminar 18422) <i>Michael Breuß, Alfred M. Bruckstein, Christer Oscar Kiselman, Petros Maragos</i> .	87
Computational Aspects of Fabrication (Dagstuhl Seminar 18431) <i>Bernd Bickel, Marc Alexa, Jessica K. Hodgins, and Kristina Shea</i> .....	104
Data Physicalization (Dagstuhl Seminar 18441) <i>Jason Alexander, Petra Isenberg, Yvonne Jansen, Bernice E. Rogowitz, and Andrew Vande Moere</i> .....	127
Visualization and Processing of Anisotropy in Imaging, Geometry, and Astronomy (Dagstuhl Seminar 18442) <i>Andrea Fuster and Evren Özarslan and Thomas Schultz and Eugene Zhang</i> .....	148

## 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*

April, 2019

### *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 DE license (CC BY 3.0 DE).



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*

- Gilles Barthe
- Bernd Becker
- Daniel Cremers
- Stephan Diehl
- Reiner Hähnle
- Lynda Hardman
- Hannes Hartenstein
- Oliver Kohlbacher
- Bernhard Mitschang
- Bernhard Nebel
- Bernt Schiele
- Albrecht Schmidt
- Raimund Seidel (*Editor-in-Chief*)
- Emanuel Thomé
- Heike Wehrheim
- Verena Wolf

### *Editorial Office*

Michael Wagner (*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.8.10.i