33rd International Conference on Concurrency Theory

CONCUR 2022, September 12–16, 2022, Warsaw, Poland

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ACM Classification 2012
Theory of computation → Concurrency

ISBN 978-3-95977-246-4

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/978-3-95977-246-4.

Publication date
September, 2022

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://portal.dnb.de.

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Digital Object Identifier: 10.4230/LIPIcs.CONCUR.2022.0

ISBN 978-3-95977-246-4 **ISSN 1868-8969** **https://www.dagstuhl.de/lipics**

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Leibniz International Proceedings in Informatics
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Preface

This proceedings volume contains peer-reviewed contributions accepted at the 33rd International Conference on Concurrency Theory (CONCUR), 2022.

The CONCUR conference series brings together researchers, developers, and students in order to advance the theory of concurrency, and promote its applications. CONCUR 2022 was organised at Warsaw University (Poland), as part of the umbrella conference CONFEST 2022. In addition to CONCUR 2022, the CONFEST 2022 comprised also the 27th International Conference on Formal Methods for Industrial Critical Systems (FMICS), the 20th International Conference on Formal Modeling and Analysis of Timed Systems (FORMATS) and the 19th International Conference on Quantitative Evaluation of SysTems (QEST), alongside with several workshops.

Out of 90 submissions, the PC has accepted 32 papers for presentation at CONCUR 2022. Given the great quality of many submissions, the acceptance bar was quite high. The quality criteria for acceptance were very strict and we thank our program committee and external reviewers for their excellent job in reviewing the CONCUR 2022 submissions. We are especially grateful to all our reviewers for their efforts in providing high-quality and timely reviews and conducting active discussions on each submission.

We are honored to have had Wojciech Czerwiński (Warsaw University, Poland), Philippa Gardner (Imperial College London, UK), Rupak Majumdar (Max Planck Institute for Software Systems, Germany) and Sergio Rajsbaum (Universidad Nacional Autónoma de México) as our invited speakers.

Starting in 2020, a CONCUR Test-of-Time(ToT) Award has been established by the CONCUR conference and the IFIP 1.8 Working Group on Concurrency Theory. The purpose of this award is to recognise important achievements in Concurrency Theory that were published at CONCUR conferences and have stood the test of time. For the 2022 edition, two periods are considered. Two awards were given to papers published in CONCUR between 1998 and 2001 and two more were given to papers published between 2000 and 2003. The award winners for the CONCUR ToT Awards 2022 have been selected by a jury composed of Ilaria Castellani (chair), Paul Gastin, Orna Kupferman, Mickael Randour, and Davide Sangiorgi. The results and winners of the CONCUR ToT Award 2022 selection process are described in the invited contribution by Ilaria Castellani in these proceedings.

We are very grateful to the University of Warsaw for hosting CONCUR. We thank the Ministry of Science and Higher Education of Poland for its generous financial support. As usual, the CONCUR 2022 proceedings are open access thanks to the LIPIcs series, and we are grateful to LIPIcs and Schloss Dagstuhl – Leibniz Center for Informatics for the invaluable service they provide.

Bartek Klin, Sławomir Lasota and Anca Muscholl
CONCUR 2022 PC Chairs

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