

37th International Conference on Concurrency Theory

CONCUR 2026, September 1–4, 2026, Liverpool, UK

Edited by

Ana Sokolova
Patrick Totzke



Editors

Ana Sokolova 

University of Salzburg, Austria
ana.sokolova@cs.uni-salzburg.at

Patrick Totzke 

University of Liverpool, UK
totzke@liverpool.ac.uk

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■ Preface

This volume contains the contributions accepted for the 37th *International Conference on Concurrency Theory* (CONCUR), held on 1–4 September 2026 in Liverpool, UK.

CONCUR serves as an annual scientific forum for researchers, developers, and students working to expand the field of concurrency theory and its applications. In 2026, it was part of CONFEST, the umbrella event that also included the 31st International Conference on *Formal Methods for Industrial Critical Systems* (FMICS) and the combined International Conferences *Quantitative Evaluation of SysTems* and *Formal Modeling and Analysis of Timed Systems* (QEST+FORMATS), as well as the following four workshops: *Expressiveness in Concurrency and Structural Operational Semantics* (EXPRESS/SOS), *Symbolic and Numerical Reasoning about games* (SNR), *Trends in Concurrency Theory* (TRENDS), and *Young Researchers Workshop on Concurrency Theory* (YR-CONCUR).

CONCUR 2026 received 114 submissions and accepted 43 papers for presentation at the conference. We are grateful for the hard work of our program committee as well as the many external experts who produced 342 reviews in total, at least 3 per paper, and engaged in lively discussions. The quality of the submitted papers was very high, so there was a tough competition among the papers to be admitted to the final programme.

The winners of this year's Test-of-Time Award are the papers:

- Naoki Kobayashi, *A New Type System for Deadlock-Free Processes*, CONCUR'06
- Krishnendu Chatterjee, Thomas A. Henzinger, Nir Piterman, *Strategy Logic*, CONCUR'07

In addition to the presentations of accepted papers, and presentations by recipients of the Test-of-Time Award, the program also included invited presentations by

- Jade Alglave, University College London / Arm, UK
- Ezio Bartocci, TU Wien, Austria (Shared CONFEST Keynote)
- Ichiro Hasuo, National Institute of Informatics, Japan (Shared CONFEST Keynote)
- Jean-François Raskin, Université Libre de Bruxelles, Belgium
- Qiyi Tang, University of Liverpool, UK

We wish to thank all authors who submitted their work for consideration, once again the program committee for their scholarly effort, and all the reviewers who assisted in the evaluation process. We thank the local organizing team and the University of Liverpool for their support and assistance in organizing CONFEST 2026.

Ana Sokolova and Patrick Totzke



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■ List of Authors

Michał Ajdarów  (7)
University of Liverpool, UK

Ondřej Alexaj  (8)
Brno University of Technology, Czech Republic

Jade Alglave  (1)
Arm, Cambridge, UK;
University College London, UK

Shaull Almagor  (9, 10)
Department of Computer Science,
Technion, Haifa, Israel

Étienne André  (11)
Nantes Université, CNRS, LS2N,
Nantes, France;
Institut universitaire de France (IUF),
Paris, France

Ali Asadi  (12, 13)
Institute of Science and Technology Austria
(ISTA), Klosterneuburg, Austria

Sarvin Bahmani  (14)
University of Liverpool, UK

Christel Baier  (15)
Technische Universität Dresden, Germany

A. R. Balasubramanian  (7)
Max Planck Institute for Software Systems
(MPI-SWS), Kaiserslautern, Germany

Ezio Bartocci  (2)
TU Wien, Austria

Marco Bernardo  (33)
Dipartimento di Scienze Pure e Applicate,
Università di Urbino, Italy

Mathias Berry  (16)
Université Marie et Louis Pasteur, CNRS,
institut FEMTO-ST, F-25000 Besançon, France

Raphaël Berthon  (17)
Université Paris-Saclay, CNRS, ENS
Paris-Saclay, Laboratoire Méthodes Formelles,
91190, Gif-sur-Yvette, France

Nathalie Bertrand  (18, 19, 20)
Univ Rennes, Inria, CNRS, IRISA, France

Filippo Bonchi  (21)
University of Pisa, Italy

Patricia Bouyer  (18)
Université Paris-Saclay, CNRS, ENS
Paris-Saclay, LMF, 91190 Gif-sur-Yvette, France

Michaël Cadilhac  (9)
DePaul University, Chicago, IL, USA

Filip Cano  (22)
Institute of Science and Technology Austria,
Klosterneuburg, Austria

Elias Castegren  (23)
Uppsala University, Sweden

Üsâme Cengiz  (47)
Friedrich-Alexander-Universität
Erlangen-Nürnberg, Germany

Krishnendu Chatterjee  (6, 12)
ISTA, Klosterneuburg, Austria

Luke Cheeseman  (23)
Uppsala University, Sweden

Weijun Chen  (24)
BASICS, Shanghai Jiao Tong University, China

Cipriano Junior Cioffo  (21)
University of Pisa, Italy

Giovanna Kobus Conrado  (25)
Aarhus University, Denmark

Eduardo Costa Martins  (26)
Eindhoven University of Technology,
The Netherlands

Nicola Cotumaccio  (27)
University of Helsinki, Finland

Philipp Czerner  (28)
Technical University of Munich, Germany

Ugo Dal Lago  (29)
University of Bologna, Italy

Mohan Dantam  (30)
Department of Computer Science,
University of Oxford, UK

Romain Delpy  (31)
LaBRI, Univ. Bordeaux, CNRS, Bordeaux INP,
Talence, France

Sophia Drossopoulou  (23)
Imperial College London, UK

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- Sarah Dépernet  (11)
Université de Lorraine, CNRS, Inria, LORIA,
F-54000 Nancy, France
- Enzo Erlich  (32)
Université Paris Cité, CNRS, IRIF, F-75013,
Paris, France;
EPITA Research Laboratory (LRE),
Paris, France
- Javier Esparza  (28)
Technical University of Munich, Germany
- Andrea Esposito  (33)
Dipartimento di Scienze Pure e Applicate,
Università di Urbino, Italy
- Syyeda Zainab Fatmi  (34)
University of Oxford, UK
- Vincent Fischer  (28)
Technical University of Munich, Germany
- Jonas Forster  (35, 38)
Friedrich-Alexander-Universität
Erlangen-Nürnberg, Germany
- Yuxi Fu  (24)
BASICS, Shanghai Jiao Tong University, China
- Pranshu Gaba  (36)
Tata Institute of Fundamental Research,
Mumbai, India
- Zeinab Galal  (29)
RIMS, Kyoto University, Japan
- Maëlle Gautrin (19)
ENS Paris-Saclay, France
- Pranav Ghorpade  (20)
The University of Sydney, Australia
- Sergey Goncharov  (38)
University of Birmingham, UK
- Shibashis Guha  (36)
Tata Institute of Fundamental Research,
Mumbai, India
- Roland Guttenberg  (28)
Technical University of Munich, Germany
- Serge Haddad  (37)
Université Paris-Saclay, LMF, ENS Paris-Saclay,
CNRS, Gif-sur-Yvette, France
- Ichiro Hasuo  (5)
National Institute of Informatics, Tokyo, Japan;
SOKENDAI (The Graduate University for
Advanced Studies), Kanagawa, Japan;
Imiron Co., Ltd., Tokyo, Japan
- Vojtěch Havlena  (8)
Brno University of Technology, Czech Republic
- Thomas A. Henzinger  (6, 13, 22)
ISTA, Klosterneuburg, Austria
- Pierre-Cyrille Héam  (16)
Université Marie et Louis Pasteur, CNRS,
institut FEMTO-ST, F-25000 Besançon, France
- Guilhème Jaber  (45)
Nantes Université, France
- Ismaël Jecker  (10, 16)
Université Marie et Louis Pasteur, CNRS,
institut FEMTO-ST, F-25000 Besançon, France
- Robin Jourde  (38)
Univ. Savoie Mont Blanc, CNRS, LAMA,
Chambéry, France
- Ehsan Kafshdar Goharshady  (13)
Institute of Science and Technology Austria,
Klosterneuburg, Austria
- Shadi Tasdighi Kalat  (14)
University of Colorado Boulder, CO, USA
- Musashi Katsura  (43)
The University of Tokyo, Japan
- Pavol Kebis  (12, 13)
Institute of Science and Technology Austria
(ISTA), Klosterneuburg, Austria
- Stefan Kiefer  (34)
University of Oxford, UK
- Sascha Klüppelholz  (15)
Technische Universität Dresden, Germany
- Naoki Kobayashi  (43)
The University of Tokyo, Japan
- Mayuko Kori  (39)
Research Institute for Mathematical Sciences,
Kyoto University, Japan
- Konstantin Kueffner  (22)
Institute of Science and Technology Austria,
Klosterneuburg, Austria
- Orna Kupferman  (40)
School of Computer Science and Engineering,
The Hebrew University, Jerusalem, Israel
- Barbara König  (35)
Universität Duisburg-Essen, Germany
- Ivan Lanese  (41)
Olas Team, University of Bologna/INRIA, Italy

Luc Lapointe  (18)
 Université Paris-Saclay, CNRS, ENS
 Paris-Saclay, LMF, 91190 Gif-sur-Yvette, France

Stéphane Le Roux  (17)
 Université Paris-Saclay, CNRS, ENS
 Paris-Saclay, Laboratoire Méthodes Formelles,
 91190, Gif-sur-Yvette, France

Jérémy Ledent  (32)
 Université Paris Cité, CNRS, IRIF, F-75013,
 Paris, France

Engel Lefauchaux  (11, 37)
 Université de Lorraine, CNRS, Inria, LORIA,
 F-54000 Nancy, France

Ondřej Lengál  (8)
 Brno University of Technology, Czech Republic

Ofer Leshkowitz  (40)
 School of Computer Science and Engineering,
 The Hebrew University, Jerusalem, Israel

Yong Li  (3, 8)
 Key Laboratory of System Software (Chinese
 Academy of Sciences), Institute of Software,
 Chinese Academy of Sciences, Beijing, China

Kaushik Mallik  (13)
 IMDEA Software Institute, Spain

Corto Mascle  (18)
 MPI-SWS, Kaiserslautern, Germany

Yusuke Matsushita  (43)
 Kyoto University, Japan;
 MPI-SWS, Kaiserslautern, Germany

Richard Mayr  (30)
 School of Informatics,
 University of Edinburgh, UK

Filip Mazowiecki  (10)
 University of Warsaw, Poland

Nicolas Mazzocchi  (8)
 Slovak University of Technology in Bratislava,
 Slovakia

Claudio Antares Mezzina  (41)
 University of Bari Aldo Moro, Italy

Yoàv Montacute  (5)
 National Institute of Informatics, Tokyo, Japan

Lukas Mulder (42)
 Radboud University, Nijmegen,
 The Netherlands

Anca Muscholl  (31)
 LaBRI, Univ. Bordeaux, CNRS, Bordeaux INP,
 Talence, France

Takashi Nagatomi  (43)
 The University of Tokyo, Japan

Jessica Newman  (44)
 University of Southampton, UK

Pedro Nora  (35)
 Universität Duisburg-Essen, Germany

Łukasz Orlikowski  (7, 10)
 University of Warsaw, Poland

David Parker  (34)
 University of Oxford, UK

Matthew J. Parkinson  (23)
 Azure Research, London, UK

Julie Parreaux  (19)
 Univ Rennes, Inria, CNRS, IRISA, France

Soumyajit Paul  (3, 14)
 University of Liverpool, UK

Andreas Pavlogiannis  (25)
 Aarhus University, Denmark

Kittiphon Phalakarn  (5)
 National Institute of Informatics, Tokyo, Japan

Iain Phillips  (41)
 Imperial College London, UK

Julian Pins (28)
 Technical University of Munich, Germany

Nir Piterman  (6)
 University of Gothenburg and Chalmers
 University of Technology, Gothenburg, Sweden

Benjamin Plummer  (44)
 University of Southampton, UK

Damien Pous  (42)
 CNRS, LIP, ENS de Lyon, France

David Purser  (10)
 University of Liverpool, UK

Guillermo A. Pérez  (48)
 University of Antwerp, Flanders Make, Belgium

Iwan Quémerais  (45)
 ENS de Lyon & University of Bologna, Italy

Jean-François Raskin  (4)
 Université libre de Bruxelles, Brussels, Belgium

Simon Reilich  (28)
 Technical University of Munich, Germany

- Jurriaan Rot  (46)
Radboud University, Nijmegen,
The Netherlands
- Sasha Rubin  (20)
The University of Sydney, Australia
- Ken Sakayori  (43, 45)
The University of Tokyo, Japan
- Takahiro Sanada  (5)
Fukui Prefectural University, Japan
- Davide Sangiorgi  (45)
University of Bologna & INRIA, Italy
- N. Ege Saraç  (22)
CISPA Helmholtz Center for Information
Security, Saarbrücken, Germany
- Sven Schewe  (3, 14)
University of Liverpool, UK
- Todd Schmid  (46)
Bucknell University, Lewisburg, PA, USA
- Lutz Schröder  (35, 47)
Friedrich-Alexander-Universität
Erlangen-Nürnberg, Germany
- Hannes Schulze  (47)
Friedrich-Alexander-Universität
Erlangen-Nürnberg, Germany
- Stefan Schwoon  (37)
Université Paris-Saclay, LMF, ENS Paris-Saclay,
CNRS, Gif-sur-Yvette, France
- Asaf Shoham  (9)
Department of Computer Science,
Technion, Haifa, Israel
- Henry Sinclair-Banks  (10)
University of Warsaw, Poland;
Max Planck Institute for Software Systems
(MPI-SWS), Kaiserslautern, Germany
- Timm Spork  (15)
Technische Universität Dresden, Germany
- Marnix Suilen  (48)
University of Antwerp, Belgium
- Grégoire Sutre  (31)
LaBRI, Univ. Bordeaux, CNRS, Bordeaux INP,
Talence, France
- Qiyi Tang  (3)
University of Liverpool, UK
- Ashutosh Trivedi  (14)
University of Colorado Boulder, CO, USA;
University of Liverpool, UK
- Stelios Tsampas  (38)
University of Southern Denmark,
Odense, Denmark
- Irek Ulidowski  (41)
University of Leicester, UK;
AGH University of Kraków, Poland
- Henning Urbat  (38)
Friedrich-Alexander-Universität
Erlangen-Nürnberg, Germany
- Franck van Breugel  (34)
York University, Toronto, Canada
- Rob van Glabbeek  (49)
School of Informatics, University of Edinburgh,
Scotland;
School of Computer Science and Engineering,
University of New South Wales, Sydney,
Australia
- Jana Wagemaker  (42, 46)
Radboud University, Nijmegen,
The Netherlands
- Kazuki Watanabe  (39)
National Institute of Informatics, Tokyo, Japan;
The Graduate University for Advanced Studies
(SOKENDAI), Tokyo, Japan
- Paul Wild  (35)
Friedrich-Alexander-Universität
Erlangen-Nürnberg, Germany
- Tim A. C. Willemse  (26)
Eindhoven University of Technology,
The Netherlands
- Tobias Wrigstad  (23)
Uppsala University, Sweden
- Shoji Yuen  (41)
Nagoya University, Japan
- Yangluo Zheng  (24)
BASICS, Shanghai Jiao Tong University, China
- Krzysztof Ziemiański  (32, 49)
Institute of Mathematics,
University of Warsaw, Poland
- Safa Zouari  (49)
Norwegian University of Science and Technology
Gjøvik, Norway