



Photo by Alexandr frolov

ICTAC 2021: 18th International Colloquium on Theoretical Aspects of Computing

Nur-Sultan, Kazakhstan, September 6 – 10, 2021

The ICTAC conference concerns all theoretical aspects of computing and the exploitation of theory through methods and tools for system development. Topics include, but are not limited to:

- languages and automata
- logic in computer science
- model checking and theorem proving
- semantics of programming languages
- lambda calculus, type theory, and category theory
- theories of distributed computing and concurrency
- models of objects and components
- timed, hybrid, and cyber-physical systems
- security and privacy
- static analysis
- probabilistic and statistical verification
- software testing and verification
- runtime verification
- program generation and transformation
- applications and case studies

ICTAC 2021 will have Springer LNCS proceedings and Theoretical Computer Science special issue, and will be a [hybrid](https://ictac2021.github.io/) or [fully virtual](https://ictac2021.github.io/) event. More information at <https://ictac2021.github.io/>.

INVITED SPEAKERS

- Wil van der Aalst, RWTH Aachen University
- Alan Dix, Swansea University
- Kim G. Larsen, Aalborg University
- Grigore Rosu, University of Illinois at Urbana-Champaign

IMPORTANT DATES

Submission deadline
May 7, 2021

Notification
June 18, 2021

Conference
September 6 – 10, 2021

PROGRAM CHAIRS

Antonio Cerone
Nazarbayev University

Peter Ölveczky
University of Oslo