



14th Annual Conference on

Theory and Applications of Models of Computation

Bern, 20-22 April 2017



Announcement and First Call for Papers

TAMC 2017 aims at bringing together a wide range of researchers with interest in computational theory and its applications. The main themes of the conference are computability, computer science logic, complexity, algorithms, models of computation and systems theory. There are two special sessions planned: *Logic in computer science* and *New models of computation*. Typical but not exclusive topics of interest include:

- algebraic computation
- algorithmic coding and number theory
- approximation algorithms
- automata theory
- computational biology and biological computing
- computational complexity
- computational game theory
- computational geometry
- computer science logic
- cryptography
- domain models
- learning theory
- modal and temporal logics
- model theory for computing
- natural computation
- networks in nature and society
- online algorithms
- optimization
- privacy and security
- process models
- proof complexity
- property testing
- quantum computing
- randomness and pseudo-randomness
- space-time tradeoffs
- streaming algorithms
- systems theory
- VLSI models of computation

Important dates

Submission Deadline: October 31, 2016

Notification of Acceptance: December 15, 2016

Final Camera Ready Version: January 15, 2017

Programme Committee

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Please find the paper submission guidelines at: <http://www.tamc2017.unibe.ch>