

FROM 2026 (15-17 September) - Detailed program

Venue: West University of Timișoara, Bd. V. Pârvan no. 4, Timișoara



15.09 Tuesday	
09:00-09:50	Invited talk Chair: Laurentiu Leustean Room: A01 Dániel Horpácsi: Formally based tools for Erlang
09:50-10:40	Invited talk Chair: Laurentiu Leustean Room: A01 Gheorghe Stefanescu: Artificial Consciousness in Complex Computing Networks
10:40-11:10	Session Chair: Laurentiu Leustean Room: A01 - Zuzana Haniková and Štěpán Holub: Formalization of fragments of the theory of hereditarily finite sets
11:10-11:30	Coffee break
11:30-12:50	Session Chair: Mădălina Erașcu Room: A01 - Janis Kröger, Paul Kröger and Martin Fränzle: Synthesizing Update -- Schedules with Game-Based Extension of Bounded Model Checking - Gábor Kuspér: Subsumption-Free Private-Pivot Learning in Resolvable Network-Based SAT Solving - Ioana Silaș and Adrian Crăciun: Monitoring and Verification of Multitenant Kubernetes Clusters using TLA+ Trace Checkin
13:10-14:00	Lunch
14:00-14:50	SYNASC & FROM Invited talk Chair: Dorel Lucanu Room: A11 Grigore Rosu: FastSet: Verified Settlement for AI-Native Work
14:50-16:50	Session Chair: Dorel Lucanu Room: A01 - Ariadna Brănici-Faraon, Ștefan Ciobăcă and Diana-Elena Gratie: Formalizing the Omega Test in Dafny - Short Paper - Dragoș-Irinel Rotariu, Ștefan Ciobăcă and Diana-Elena Gratie: The formalization of two computational models in Dafny - Short Paper - Alexandre Berard and Richard B. Kreckel: Certified Compilation in the TELEPERM XS Nuclear Safety I&C Platform - Andrada-Livia Antoneac: Fewer Assumptions by Design: A Reusable Skill for LLM-Assisted Verus Verification
17:10-19:10	FROM session Chair: Catalin Dima Room: A01 - David Nowak and Vlad Rusu: Domain Theory Meets Interaction Trees in Rocq - Isabela Drămnesc, Tudor Jebelean and Sorin Stratulat: Certification of Bilateral Patience Sort in Theorema and Rocq

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16.09 Wednesday	
09:00-09:50	SYNASC & FROM Invited talk Chair: Adrian Crăciun Room: A11 Dorel Lucanu: Matching-Logic-Based Domain Specific Reasoning
09:50-10:40	SYNASC & FROM Invited talk Chair: Adrian Crăciun Room: A11 Temur Kutsia: Logic-Based Generalization: Theory and Applications
10:40-11:00	<i>Coffee break</i>
11:00-12:30	SYNASC & FROM Tutorial Chair: Mircea Marin Room: A11 Peter Ölveczky: Formal Modeling and Analysis of Distributed and Real-Time Systems in Maude
12:30-13:30	<i>Lunch</i>
13:30-14:20	Invited talk Chair: Dániel Horpácsi Room: A01 Radu Iosif: Robust and Effective Recognisability of Small Tree-Width Graphs
14:20-15:30	Session Chair: Dániel Horpácsi Room: A01 - Andrei Aldea and Dumitru-Bogdan Prelopcean: Verifying Graceful Degradation in a Distributed Malware-Detection System with SPIN - Lorenzo Capra: Semi-automated Verification of Symbolic Invariants In Extended Symmetric Nets
16:30-20:00	<i>Trip and conference dinner</i>

17.09 Thursday	
09:00-09:50	Invited talk Chair: Radu Iosif Room: A01 Catalin Dima: Foundations of a theory of bandwidth for timed automata
09:50-11:30	Session Chair: Radu Iosif Room: A01 - Ádám Kurucz, Péter Berezsky and Dániel Horpácsi: Dependently Typed Model Composition for Matching Logic - Horatiu Cheval: Complete Heyting algebra semantics for an intuitionistic version of Matching Logic
11:30-11:50	<i>Closing</i> Chair: Mircea Marin
11:50-12:10	<i>Coffee break</i>