Monday July 24th, tutorial day

Registration, picking up name badge and material reception, Safetoc guidelines.

Monday 9h00–10h30, Tutorial 1a

9h00	Room A
	Édouard Bonnet
	Twin-width and logic, Part I

Coffee break

Monday 11h00–12h30, Tutorial 1b

11h00	Room A
	Édouard Bonnet
	Twin-width and logic, Part II

Lunch

Monday 14h30–16h00, Tutorial 2a

14h30	Room A
	Bernd Finkbeiner
	Logics and Algorithms for Hyperproperties, Part I

Coffee break

Monday 16h30–18h00, Tutorial 2b

16h30	Room A
	Bernd Finkbeiner
	Logics and Algorithms for Hyperproperties, Part II

Tuesday July 25th

Registration, picking up name badge and material reception, Safetoc guidelines.

Tuesday 9h00–10h00, Keynote Speaker I

	Room A
9h00	Nathalie Sznajder *TBA*

Coffee break

Tuesday 10h30–11h42, Contributed talks I

	Room A Automata and Languages 1	Room B Games 1
10h30	Prince Mathew *One deterministic-counter automata*	Jakub Svoboda *Stochastic Games with Bounded Treewidth*
10h42	Kyveli Doveri *FORQ-based Language Inclusion Formal Testing*	Benjamin Bisping *Games to Decide All Behavioral Equivalences at Once*
10h54	David Purser *The Big-O Problem for Max-Plus Automata is Decidable (PSPACE-Complete)*	Pierre Vandenhove *How to Play Optimally for Regular Objectives?*
11h06	Gaëtan Staquet *Automata with Timers*	Antonio Casares *A characterization of positional omega-regular languages*
11h18	Amazigh Amrane *Developments in Higher-Dimensional Automata Theory*	Irmak Saglam *Solving Odd-Fair Parity Games*
11h30	Michaël Cadilhac *Parikh One-Counter Automata*	Ashwani Anand *Permissiveness for Strategy Adaptation*

Lunch

Tuesday 14h00–15h00, Keynote Speaker II

	Room A
14h00	Udi Boker *History-Determinism vs. Related Notions*

Coffee break

Tuesday 15h30–16h54, Contributed talks II

	Room A — Verification, Model Checking, Reachability	Room B — VASS, Skolem and Petri Net problems
15h30	Suguman Bansal — *Model Checking Linear Temporal Logic over Finite Traces*	Mihir J Vahanwala — *Skolem and Positivity Completeness of Ergodic Markov Chains*
15h42	Nicolas Manini — *Computing Reachable Simulations*	A. R. Balasubramanian — *Reachability in Continuous Pushdown VASS*
15h54	Nicolas Waldburger — *Checking Presence Reachability Properties on Parameterized Shared-Memory Systems*	Roland Guttenberg — *Geometry of Reachability Sets of Vector Addition Systems*
16h06	Corto Mascle — *Broadcast networks with local registers*	Sougata Bose — *History Deterministic Vector Addition Systems*
16h18	Pascal Baumann — *Checking Refinement of Asynchronous Programs against Context-Free Specifications*	Henry Sinclair-Banks — *Coverability in VASS Revisited: Improving Rackoff's Bounds to Obtain Conditional Optimaility*
16h30	Ramanathan Thinniyam Srinivasan — *Context-Bounded Verification of Context-Free Specifications*	Mihir J Vahanwala — *Robust Positivity Problems for low-order Linear Recurrence Sequences*
16h42	Zhendong Ang — *New Results of Membership Problems for Trace Languages*	Arka Ghosh — *Reachability in symmetric Petri nets with data*

Wednesday July 26th

	Room A
9h00	Meena Mahajan
	TBA

Coffee break

Wednesday 10h30–11h42, Contributed talks III

	Room A Games2	Room B Logic
10h30	Maximilian P. Weininger *Stopping Criteria for Value Iteration on Stochastic Games with Quantitative Objectives*	Benjamin J Scheidt *Counting Homomorphisms from Hypergraphs of Bounded Generalised Hypertree Width: A Logical Characterisation*
10h42	K. S. Thejaswini *Rabin Games and Colourful Trees*	Dylan Bellier *Plan Logic*
10h54	Julie Parreaux *Weighted Timed Games: decidability, stochastic strategies, and robustness*	Denis Kuperberg *Positive First-Order Logic on Words and Graphs*
11h06	Benjamin Bordais *Well-behaving concurrent games: from local to global properties*	Andrei Draghici *Semënov Arithmetic, Affine VASS, and String Constraints*
11h18	Alexis Reynouard *Solving Timed Parity Games with Surprise*	Dhruv Nevatia *An Automata-Theoretic Characterisation of Weighted First-Order Logic*
11h30	Nathan Thomasset *Finite-memory strategies in infinite concurrent two-player games*	David Lidell *ppLTLTT: Temporal testing for pure-past linear temporal logic formulas*

Lunch

Wednesday 14h00–15h24, Contributed talks IV

	Room A Automata and Transducers	Room B Model Theory
14h00	Sandra Kiefer *Revisiting the growth of polyregular functions*	Ioannis Eleftheriadis *Sparsity: from graphs to relational structures*
14h12	Saina Sunny *Closeness of Finite State Transducers*	Wojciech Przybyszewski *Proving combinatorial properties of graphs using model theory*
14h24	Rafał Stefański *Monads, comonads, and transducers*	Radosław Piórkowski *Universal quantification in automatic structures: an ExpSpace-hard nut to crack*
14h36	Le Thanh Dung Nguyen *Implicit automata in typed λ-calculi (I, II and III)*	Tim Seppelt *Logical Equivalences, Homomorphism Indistinguishability, and Forbidden Minors*
14h48	Lia Schütze *Unboundedness problems for machines with reversal-bounded counters*	Matthias Naaf *Zero-One Laws in Semiring Semantics*
15h00	Yahia Idriss Benalioua *Refinement problems for recognizable relations*	Benedikt Pago *Lower bounds for Choiceless Polynomial Time via Symmetric XOR-circuits*
15h12	Ioan Yeshurun *Dimension-Minimality and Primality of Counter Nets*	Luca Oeljeklaus *Simulating Logspace-Recursion with Logarithmic Quantifier Depth*

Coffee break

Thursday 16h00–17h00, Special session

	Room A
16h00	*Highlights Business Meeting*

Thursday July 27th

	Room A
9h00	Sophie Pinchinat
	Make attack-defense trees formal objects

Coffee break

Thursday 10h30–11h42, Contributed talks V

	Room A Synthesis	Room B Algorithms and Complexity
10h30	Ayrat Khalimov *Fully Generalized Reactivity (1) Synthesis*	Jonas Schmidt *Dynamic constant-time parallel graph algorithms with sub-linear work*
10h42	Satya Prakash Nayak *Seamless Reactivity of Hybrid Control via Augmented Games*	Jennifer Todtenhoefer *On the work of dynamic constant-time parallel algorithms for regular tree languages and context-free languages*
10h54	Alexander Rabinovich *Synthesis of Infinite State Systems*	Gunjan Kumar *Approximate Model Counting: Is SAT Oracle More Powerful than NP Oracle?*
11h06	Prabhat Kumar Jha *Games for Efficient Supervisor Synthesis*	Timothy van Bremen *Probabilistic Query Evaluation: The Combined FPRAS Landscape*
11h18	Patrick Wienhöft *Strategy Synthesis in Markov Decision Processes Under Limited Sampling Access*	Lorenzo Clemente *Complexity of deciding equality of power series from combinatorial enumeration*
11h30	S Akshay *Boolean Functional Synthesis: From One to All Skolem Functions*	Marcin Przybylko *Enumerating Partial Answers in Description Logics with Functional Roles*

Lunch

Thursday 14h00–15h24, Contributed talks VI

	Room A Formal Methods and Learning	Room B Automata, Algebra & Languages
14h00	Stefanie Mohr *Syntactic vs Semantic Abstraction of Neural Networks*	Rémi Morvan *Algebras for Regular Relations*
14h12	Marco Sälzer *About Limits In Formal Verification of Graph Neural Networks*	Thomas Colcombet *Cascades of condensations*
14h24	Nina Runde *On Learning MSO-Formulas*	Antoine Amarilli *Enumerating Regular Languages with Bounded Delay*
14h36	Debraj Chakraborty *Formally-Sharp DAgger for MCTS: Lower-Latency Monte Carlo Tree Search using Data Aggregation with Formal Methods*	Anton D Chernev *A dual adjunction between Ω-automata and Wilke algebras*
14h48	Leon Bohn *Constructing Deterministic Parity Automata from Positive and Negative Examples*	Andrew Ryzhikov *Cost Register Automata with Few Registers*
15h00		Alexandre Terefenko *Semantics of Attack-Defense Trees for Dynamic Countermeasures: a New Hierarchy of Star-free Languages*
15h12		Henning Urbat *Nominal Topology for Data Languages*

Coffee break

Thursday 16h00–17h00, Special session

	Room A
16h00	*Open problem session*

Friday July 28th

	Room A
9h00	Sven Schewe *Automata for Profit and Pleasure*

Coffee break

	Room A Probabilistic and Timed Systems	Room B Games 3
10h30	Muqsit Azeem *1–2–3–Go! Explainable Policies for Arbitrarily Large Parameterized Markov Decision Processes via Decision-Tree Generalization*	Vojtech Rehak *Mean Payoff Optimization for Systems of Periodic Service and Maintenance*
10h42	Đorđe Žikelić *MDPs as Distribution Transformers: Affine Invariant Synthesis for Safety Objectives*	Aline Goeminne *Multi-Weighted Reachability Games*
10h54	Paweł Parys *The Probabilistic Rabin Tree Theorem*	Aditya Prakash *Joker Games for checking History-Determinism*
11h06	Neha A Rino *Timed Alignments*	Suman Sadhukhan *Reachability Poorman Discrete-Bidding Games*
11h18	Govind Rajanbabu *One timed model to unify them all! - A foundation for efficient MITL Model-checking*	Daniel Hausmann *Solving Emerson-Lei Games via Zielonka Trees*
11h30	Florian Bruse *Timed Recursive CTL*	

Lunch

	Room A Model Theory & Logic	Room B Applications and other topics
14h00	Daniel Mock *Evaluating Restricted First-Order Counting Properties on Nowhere Dense Classes and Beyond*	Muhammad Usama Sardar *Comprehensive Specification and Formal Analysis of Attestation Mechanisms in Confidential Computing*
14h12	Michael Levet *On the Descriptive Complexity of Groups without Abelian Normal Subgroups*	Fabian Vehlken *Teaching reductions: Formal foundations*
14h24	Nina Pardal *Unified Foundations of Team Semantics via Semirings*	Martin Lange *Formal Reasoning about Influence in Natural Sciences Experiments*
14h36	Mikołaj Bojańczyk *Polyregular functions on unordered trees of bounded height*	Maurice Herwig *Problem-Specific Visual Feedback in Discrete Modelling*
14h48	Pascal Bergsträßer *Membership Problems in Subclasses of Rational Relations and Ramsey Quantifiers in Linear Arithmetic*	Paul D Gallot *The MIX2 language is not an EDT0L language*

Final words