

AFL 2026 schedule

Monday, 7 September 2026

18:00–22:00	Registration & Welcome Reception (Teledom)
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Tuesday, 8 September 2026

08:00–08:45	Registration
08:45–09:00	Opening
09:00–10:00	Viliam Geffert (invited) Unary Versus Binary Two-Way Automata
10:00–10:30	Coffee Break
10:30–11:00	Manfred Droste, Zoltán Fülöp, Andreja Tepavčević, and Heiko Vogler The Generating Power of Weighted Tree Automata with Initial Algebra Semantics
11:00–11:30	Olle Torstensson Weighted Alternating Tree Automata
11:30–12:00	Zhidan Feng, Pamela Fleischmann, Henning Fernau, Kevin Mann, and Silas Cato Sacher Generalized Word-Representability: Possibilities and Limitations
12:00–12:30	Pierluigi San Pietro, Stefano Crespi Reghizzi, and Antonio Restivo Guillotine and Tiling Cofiniteness in Unary Picture Languages
12:30–13:30	Lunch
13:30–14:00	Amena Assem, Hanna Derets, and Chrystopher L. Nehaniv Algebraic Characterizations for Minors of Finite Graphs via Flow Transformation Monoid Division and Embedding
14:00–14:30	Paul Bell, Eva Foster, and Daniel Reidenbach Irreducibility of Endomorphisms of Finitely Generated Free Semigroups
14:30–15:00	Szilárd Zsolt Fazekas, Xinhao Huang, and Robert Mercas Subsequence Analysis Problems for Binary Parikh Matrices
15:00–15:20	Robert Green and Joshua Grochow Mildly Context-Sensitive Grammars Are Logspace Reducible to Context-Free Grammars
15:20–16:00	Coffee Break
16:00–16:30	Nataliya Gribovskaya and Irina Virbitskaite Transition Systems from Causal Reversible Bundle Event Structures
16:30–17:00	Maurice Bornett Herwig and Norbert Hundeshagen Correcting Deterministic Finite Automata for Didactic Feedback
17:00–17:30	Martin Kutrib, Ian McQuillan, Priscilla Raucci and Matthias Wendlandt Inductive Inference of Cellular Automata
17:30–17:50	Ulrich Ultes-Nitsche Myhill-Nerode Inspired State Reductions for Almost Deterministic Büchi Automata
18:30–19:30	City Guided Tour

Wednesday, 9 September 2026

09:00–10:00	Matthias Wendlandt (invited) Subregular Expressions and Their Expressive Power
10:00–10:30	Coffee Break
10:30–11:00	Da-Jung Cho, Szilárd Zsolt Fazekas, and Max Wiedenhöft Deterministic Bandwidth of Finite Languages
11:00–11:30	Giovanni Pighizzini Turn Complexity and Bounded Languages
11:30–12:00	Anssi Yli-Jyrä Recognizers for Graph-Encoding Languages
12:00–12:30	Stavros Konstantinidis Independent Languages and Witnesses of Dependence (Non-satisfaction)
12:30–13:30	Lunch
14:00–22:00	Conference Trip

Thursday, 10 September 2026

09:00–10:00	Marek Szykuła (invited) Synchronizing Automata: Open Problems
10:00–10:30	Coffee Break
10:30–11:00	Yoav Danieli Pumping Constants for Infinite Alphabets
11:00–11:30	Gábor Kusper A Non-CDCL SAT Solver with Early Conflict Detection: The Watched-Literal-Based CSFLOC Solver
11:30–12:00	Benedek Nagy Reverse Post Correspondence Problem and Undecidability of $5'-3'$ String Assembly Systems
12:00–12:30	Klaus Jansen, Dirk Nowotka, Lis Piroton, Corinna Wambsganz, and Max Wiedenhöft An Analysis of Decision Problems for Relational Pattern Languages under Various Constraints
12:30–13:30	Closing & Lunch