

Monday, 25th of September

Session 1: Opening & TABLEAUX Anniversary Invited Talk

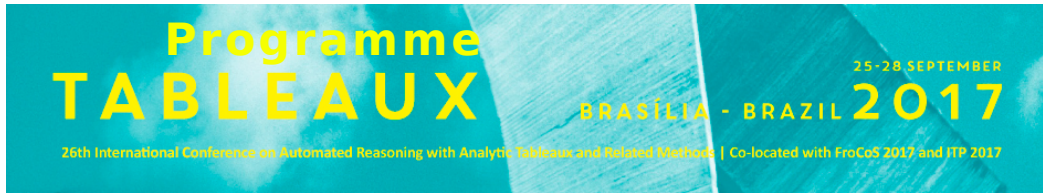
Chair:

- 14:15 – 14:30 Opening Session
Renate A. Schmidt and Cláudia Nalon
- 14:30 – 15:30 A Vision for Automated Deduction Rooted in the Connection Method
Wolfgang Bibel
Sponsored by the European Association for Artificial Intelligence (EurAI)
- 15:30 – 16:00 Coffee Break

Session 2: TABLEAUX Anniversary Invited Talk & TABLEAUX Best Paper Award

Chair:

- 16:00 – 17:00 Locally Abstract, Globally Concrete Semantics of Concurrent Programming Languages
Reiner Hähnle
Sponsored by the European Association for Artificial Intelligence (EurAI)
- 17:00 – 17:30 TABLEAUX Award
- 17:30 – 18:00 Anniversary Exhibition Opening



Tuesday, 26th of September

08:30 – 09:30 ITP Invited Talk
Whitebox Automation
Leonardo de Moura

Session 3: TABLEAUX Best Paper & Sequent Systems

Chair:

09:30 – 10:00 Cut-Admissibility as a Corollary of the Subformula Property
Ori Lahav and Yoni Zohar
10:00 – 10:30 Proof Theory for Indexed Nested Sequents
Sonia Marin and Lutz Strassburger
10:30 – 11:00 Coffee Break

Session 4: Transitive Closure & Cyclic Proofs

Chair:

11:00 – 11:30 Integrating a Global Induction Mechanism into a Sequent Calculus
David Cerna and Michael Lettmann
11:30 – 12:00 Realizability in Cyclic Proof: Extracting Ordering Information for Infinite Descent
Reuben Rowe and James Brotherston
12:00 – 12:30 Cyclic Proofs with Ordering Constraints
Sorin Stratulat
12:30 – 14:00 Lunch

Session 5: TABLEAUX Invited Talk & Formalisation

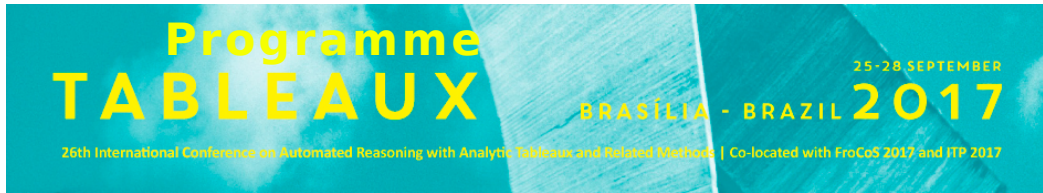
Chair:

14:00 – 15:00 Tableau Calculus for Hybrid Xpath with Data
Carlos Areces
15:00 – 15:30 A Mechanizable First-Order Theory of Ordinals
Peter Schmitt
15:30 – 16:00 Coffee Break

Session 6: Tableaux, Temporal Logic & Decidability

Chair:

16:00 – 16:30 Goal-Sensitive Reasoning with Disconnection Tableaux
Lee Barnett
16:30 – 17:00 Tableaux for Policy Synthesis for MDPs with PCTL* Constraints
Peter Baumgartner, Sylvie Thiebaut and Felipe Trevizan
17:00 – 17:30 Minimization of ATL* Models
Serenella Cerrito and Amélie David
17:30 – 18:00 Parameterized Provability in Equational Logic
Mateus de Oliveira Oliveira



Wednesday, 27th of September

Session 7: Joint Tableaux/FroCoS/ITP Invited Talk, Transitive Closure & Cyclic Proofs

Chair:

- 08:30 – 09:30 The Perimeter of Decidability (with Sequent Calculi on the Inside)
Katalin Bimbó
- 09:30 – 10:00 Completeness for Ancestral Logic via a Computationally-Meaningful Semantics
Liron Cohen
- 10:00 – 10:30 A Cut-Free Cyclic Proof System for Kleene Algebra
Anupam Das and Damien Pous
- 10:30 – 11:00 Coffee Break

Session 8: Sequent Systems

Chair:

- 11:00 – 11:30 A Forward Unprovability Calculus for Intuitionistic Propositional Logic
Camillo Fiorentini and Mauro Ferrari
- 11:30 – 12:00 Hypersequent Calculi for Lewis Conditional Logics with Uniformity
Marianna Giraldo, Björn Lellmann, Nicola Olivetti and Gian Luca Pozzato
- 12:00 – 12:30 VINTE: an Implementation of Internal Calculi for Lewis' Logics for Counterfactual Reasoning
Marianna Giraldo, Björn Lellmann, Nicola Olivetti, Gian Luca Pozzato and Quentin Vitalis
- 12:30 – 14:00 Lunch

Joint Tableaux/FroCoS/ITP Invited Talk

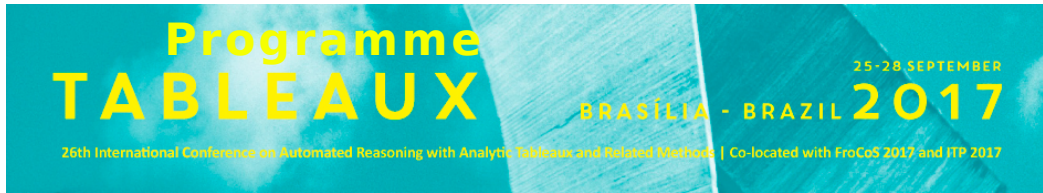
Chair:

- 14:00 – 15:00 Automating Formalization by Statistical and Semantic Parsing of Mathematics
Cezary Kaliszyk

Session 9: Sequent Systems (cont'd)

Chair:

- 15:00 – 15:30 Interpreting Sequent Calculi as Client-Server Games
Christian Fermüller and Timo Lang
- 15:30 – 15:45 Coffee Break
- 15:45 – 22:00 Excursion & Dinner



Thursday, 28th of September

Session 10: FroCoS Invited Talk & Poster Session

Chair:

- 08:30 – 09:30 Revising System Specifications in Temporal Logic
Renata Wassermann
- 09:30 – 10:30 Poster talks
- 10:30 – 11:00 Coffee Break & Poster Display
- 11:00 – 12:30 Poster Display
- 12:30 – 14:00 Lunch

Joint Tableaux/FroCoS/ITP Invited Talk

Chair:

- 14:00 – 15:00 Foundational (Co)Datatypes and (Co)Recursion for Higher-Order Logic
Jasmin Blanchette

Session 11: Formalisation

Chair:

- 15:00 – 15:30 Issues in Machine-Checking the Decidability of Implicational Ticket Entailment
Jeremy Dawson and Rajeev Goré
- 15:30 – 16:00 Coffee Break

Session 12: Non-Classical Logics

Chair:

- 16:00–16:30 Non-clausal Connection Calculi for Non-Classical Logics
Jens Otten
- 16:30 – 17:00 Rule Refinement for Semantic Tableau Calculi
Dmitry Tishkovsky and Renate A. Schmidt
- 17:00 – 18:00 Business Meeting