4th International Conference on Tools for Teaching Logic

9-12 June 2015

TTL

Rennes, France

	Tuesday June 9th, 2015
09:00-10:10	Reception
10:10-10:30	Opening Session
10:30-11:20	Invited talk: Publishing and Teaching at the digital age. Claude Kirchner (INRIA, France)
11:20-11:45	Teaching Logic for Computer Science: Are We Teaching the Wrong Narrative? Johann Makowsky
11:45-12:10	Fail better: What formalized mathematics can teach us about learning. João Marcos
12:10-12:35	To Teach Modal Logic: An Opinionated Survey. Luis Urtubey
12:35-14:15	Lunch
14:15-14:40	Logic considered fun. John Slaney
14:40-15:05	Using Automated Theorem Provers to Teach Knowledge Representation in First-Order Logic. Angelo Kyrilov and David Noelle
15:05-15:30	TryLogic tutorial: an approach to Learning Logic by proving and refuting. Patrick Terrematte and João Marcos
15:30-15:55	Teaching natural deduction in the right order with Natural Deduction Planner. Jeremy Seligman and Declan Thompson
15:55-16:25	Coffee break
16:25-16:50	NaDeA: A Natural Deduction Assistant with a Formalization in Isabelle. Jørgen Villadsen, Alexander Birch Jensen and Anders Schlichtkrull
16:50-17:15	The Sequent Calculus Trainer - Helping Students to Correctly Construct Proofs. Arno Ehle, Norbert Hundeshagen and Martin Lange
17:15-17:40	How to prove it in Natural Deduction: A Tactical Approach. Favio E. Miranda-Perea, P. Selene Linares-Arévalo and Atocha Aliseda
17:40-18:00	Short coffee break
18:00-18:50	Invited talk: Some reflections on teaching an introductory course on logic in computer science. Nicole Schweikardt (Humboldt-Universität Berlin, Germany)
	Wednesday June 10th, 2015
09:15-10:05	Invited talk: The New Trivium. Patrick Blackburn (University of Roskilde, Denmark)
10:05-10:30	Why teach an introductory course in Mathematical Logic in the Philosophy curriculum? Carlos Oller and Ana Couló
10:30-10:55	Syntax versus Semantics. Reinhard Kahle and Wilfried Keller
10:55-11:20	Coffee break
11:20-11:45	Euler diagrams as an introduction to set-theoretical models. Ryo Takemura
11:45-12:10	Set theory and tableaux for teaching propositional logic. Nino Guallart and Angel Nepomuceno-Fernandez
12:10-12:35	Presentation of Classical Propositional Tableaux on Program Design Premises. Juan Michelini and Alvaro Tasistro
12:35-14:15	Lunch
14:15-14:40	Easyprove: a tool for teaching precise reasoning. Marek Materzok
14:40-15:05	ARG: Virtual Tool to Teaching Argumentation Theory. Nailton Silva, Patrick Terrematte and José Moura
15:05-15:30	RAESON: A Tool for Reasoning Tasks Driven by Interactive Visualization of Logical Structure. Stefan Minica

15:30-15:55	dasasap, an App for Syllogisms. José Martín Castro-Manzano
15:55-16:25	Coffee break
16:25-16:50	Multiple choice parameterized exercises in Logic. Jacinta Poças, João Pedro Cruz, Luís Descalço and Paula Carvalho
16:50-17:15	A pilot study of the use of LogEx, lessons learned. Josje Lodder, Bastiaan Heeren and Johan Jeuring
17:15-17:40	Twist your logic with TouIST. Khaled Skander Ben Slimane, Alexis Comte, Olivier Gasquet, Abdelwahab Heba, Olivier Lezaud, Frederic Maris and Mael Valais
17:40-18:00	Short coffee break
18:00-18:50	Invited talk: Logic in Computer Science Education. Mordechai Ben-Ari (Weizmann Institute of Science, Israel)
	Thursday June 11th, 2015
09:15-10:05	Invited talk: LOGIC IN ACTION, a grand old topic with a new twist. Johan Van Benthem (University of Amsterdam and Stanford university)
10:05-10:30	Using interrogative logic to teach classical logic. Levis Zerpa
10:30-10:55	Teaching Leśniewski's Prothetic with a Natural Deduction System. Pierre Joray
10:55-11:20	Coffee break
11:20-11:45	Easy Proofs of Löwenheim-Skolem Theorems by Means of Evaluation Games. Jacques Duparc
11:45-12:10	Teaching Modal Logic from Linear Algebraic Viewpoints. Ryo Hatano, Katsuhiko Sano and Satoshi Tojo
12:10-12:35	Teaching Logic to Information Systems Students: Challenges and Opportunities. Anna Zamansky and Eitan Farchi
12:35-14:00	Lunch
	Special session on Leon Henkin
14:00-14:45	The movie (Leon Henkin)
14:45-15:10	The Roles Leon Henkin Played in Mathematics Education. María Manzano
15:10-15:35	Transitioning to Proof. Diane Resek and Dan Fendel
15:35-16:00	Tools for teaching logic as reflected in my contribution to the book: The Life and Work of Leon Henkin. Nitsa Movshovitz-Hadar
16:00-16:25	The Life and Work of Leon Henkin: Essays on His Contributions. Antonia Huertas
16:25-16:50	Coffee break
16:50-18:30	Demo session
19:00-20:00	Guided tour of the city center and parlement
20:00-23:00	Social dinner
	Friday 12th June, 2015
09:15-10:05	Invited talk: Rules and derivations in an elementary logic course. Gilles Dowek (INRIA Rocquencourt, France)
10:05-10:30	Logic Modelling. Roger Villemaire
10:30-10:55	Teaching Logics through Their Philosophical Commitments: "Logical Worldviews". Creighton Rosental
10:55-11:20	Coffee break
11:20-11:45	Gender Relations in the XIth Mexican Logic Olympiad. José Martín Castro-Manzano
11:45-12:10	Making Room for Women in our Tools for Teaching Logic: A Proposal for Promoting Gender-Inclusiveness. Frederique Janssen-Lauret
12:10-12:35	Closing session

| 12:35-14:15 | Lunch buffet | |