JELIA'98, Schloß Dagstuhl — Schedule

Monday, October 12, 1998

08:45–09:00 Opening Remarks
Jürgen Dix, Ulrich Furbach

Invited Talk I (*Jürgen Dix*)

09:00–10:00 Towards Inference and Computation Mobility: The Jinni Experiment
Paul Tarau

—*Coffee Break*—

Theorem Proving I (*Ulrich Furbach*)

10:30–11:00 Analysis of Distributed-Search Contraction-Based Strategies
Maria Paola Bonacina

11:00–11:30 A Deduction Method Complete for Refutation and Finite Satisfiability
François Bry, Sunna Torge

11:30–12:00 Requirement-Based Cooperative Theorem Proving
Dirk Fuchs

—*Lunch Break*—

Theorem Proving II (*Ulrich Furbach*)

14:00–14:30 $\mho$-Resolution: An Inference Rule for Regular Multiple-Valued Logics
Sonia M. Leach, James J. Lu, Neil V. Murray, Erik Rosenthal

14:30–15:00 A Matrix Characterization for *MELL*
Heiko Mantel, Christoph Kreitz

15:00-15:30 A Resolution Calculus for Dynamic Semantics
Christof Monz, Maarten de Rijke

—*Tea Break*—

Theorem Proving III (*David Pearce*)

16:00–16:30 Algorithms on Atomic Representations of Herbrand Models
Reinhard Pichler

Knowledge Representation (*David Pearce*)

16:30–17:00 On Knowledge, Strings, and Paradoxes
Manfred Kerber

17:00–17:30 Propositional Lower Bounds: Generalization and Algorithms
Marco Cadoli, Luigi Palopoli, Francesco Scarcello

Tuesday, October 13, 1998

Non-Standard Logics I (*Luis Fariñas del Cerro*)

09:00–09:30 A Mechanised Proof System for Relation Algebra Using Display Logic
Jeremy E. Dawson, Rajeev Goré

09:30–10:00 Relative Similarity Logics are Decidable: Reduction to FO^2 with Equality
Stéphane Demri, Beata Konikowska

—*Coffee Break*—

Epistemic Logics (*Luis Fariñas del Cerro*)

10:30–11:00 Persistence and Minimality in Epistemic Logic
Wiebe van der Hoek, Jan Jaspars, Elias Thijsse

11:00–11:30 Prohairetic Deontic Logic (PDL)
Leendert W.N. van der Torre, Yao-Hua Tan

11:30–12:00 Phased Labeled Logics of Conditional Goals
Leendert W.N. van der Torre

—*Lunch Break*—

Higher Order Logics (*Jürgen Dix*)

14:00–14:30 Higher Order Generalization
Jianguo Lu, Masateru Harao, Masami Hagiya

Logic Programming I (*Jürgen Dix*)

14:30–15:00 The Well-Founded Semantics *Is* the Principle of Inductive Definition
Marc Denecker

15:00–15:30 Combining Introspection and Communication with Rationality and Reactivity in Agents
Pierangelo Dell'Acqua, Fariba Sadri, Francesca Toni

—*Tea Break*—

Logic Programming II (*Jürgen Dix*)

16:00–16:30 Disjunctive Logic Program = Horn Program + Control Program
Wenjin Lu, Ulrich Furbach

16:30–17:00 Semantics of Partial-Order Programs
Mauricio Osorio

Wednesday, October 14, 1998

Invited Talk II (*Ilkka Niemelä*)

09:00–10:00	The Logical Characterization of Goal-Directed Behavior in the Presence of Exogenous Events *Erik Sandewall*

—*Coffee Break*—

Non-Standard Logics II (*Luis Fariñas del Cerro*)

10:30–11:00	A Conditional Logic for Belief Revision *Laura Giordano, Valentina Gliozzi, Nicola Olivetti*
11:00–11:30	Implicates and Reduction Techniques for Temporal Logics *Inman P. de Guzmán, Manuel Ojeda-Aciego, Augustín Valverde*
11:30–12:00	A Logic for Anytime Deduction and Anytime Compilation *Frédéric Koriche*

—*Lunch Break*—

Excursion and Banquet

13:15–	Excursion to *Idar-Oberstein*, a nice small town nearby, located in the low mountain range Hunsrück. Visit of the *Mines of Precious Stones* and the *Historical Cutting Mill*. Banquet with *Idar-Obersteiner Spießbraten*, a piece of pork marinated twelve hours ago with onions, garlic, pepper and salt, grilled on beach wood. *Inclusive for all full participants!*

Thursday, October 15, 1998

Invited Talk III (*Ulrich Furbach*)

09:00–10:00	Compute Intensive Methods in AI *Bart Selman*

—*Coffee Break*—

Non-monotonic Reasoning (*Ilkka Niemelä*)

10:30–11:00	On the Intertranslatability of Autoepistemic, Default and Priority Logics, and Parallel Circumscription *Tomi Janhunen*
11:00–11:30	An Approach to Query-Answering in Reiter's Default Logic and the Underlying Existence of Extensions Problem *Thomas Linke, Torsten Schaub*
11:30–12:00	Towards State Update Axioms: Reifying Successor State Axioms *Michael Thielscher*

—*Lunch Break*—

End of Conference