LP & NMR '97
Schedule

Dagstuhl, Germany

July 28–31, 1997

MONDAY 28 JULY 1997

08:45 – 09:00 Opening Remarks

09:00 – 10:00 Invited Talk I

V. S. Subrahmanian:
Project ChangeLing: Reasoning in Dynamic, Heterogeneous Environments

10:00 – 10:30 Coffee Break

10:30 – 12:00 Session I

10:30 – 11:00 **F. Buccafurri, N. Leone, P. Rullo**:
Strong and Weak Constraints in Disjunctive Datalog

11:00 – 11:30 **C. Pollett, J. Remmel**:
Non-Monotonic Reasoning with Quantified Boolean Constraints

11:30 – 12:00 **U. Zukowski, S. Brass, B. Freitag**:
Improving the Alternating Fixpoint: The Transformation Approach

12:00 – 14:00 Lunch Break

14:00 – 15:30 Session II

14:00 – 14:30 **U. Egly, H. Tompits**:
Is Non-Monotonic Reasoning Always Harder?

14:30 – 15:00 **R. Rosati**:
Complexity of Only Knowing: The Propositional Case

15:00 – 15:30 **J. Seitzer, J. Schlipf**:
Affordable classes of Normal Logic Programs

15:30 – 16:00 Coffee Break

16:00 – 17:30 System Descriptions I

16:00 – 16:30 **C. Aravindan, J. Dix, I. Niemelä**:
DisLoP: Towards a Disjunctive Logic Programming System

16:30 – 17:00 **C. V. Damasio, L. M. Pereira, M. Schroeder**:
REVISE: Logic Programming and Diagnosis

17:00 – 17:30 **T. Eiter, N. Leone, C. Mateis, G. Pfeifer, F. Scarcello**:
A Deductive System for Non-Monotonic Reasoning

Tuesday 29 July 1997

09:00 – 10:00 Invited Talk II

Mirek Truszczynski:
Automated Reasoning with Non-Monotonic Logics

10:00 – 10:30 Coffee Break

10:30 – 12:00 Session III

10:30 – 11:00 **H. Blair, F. Dushan, P. Humenn**:
Simulations between Programs as Cellular Automata

11:00 – 11:30 **T. Janhunen**:
Separating Disbeliefs from Beliefs in Autoepistemic Reasoning

11:30 – 12:00 **G.-Q. Zhang, W. C. Rounds**:
Power Defaults

12:00 – 14:00 Lunch Break

14:00 – 15:30 Session IV

14:00 – 14:30 **A. Bochman**:
A Study of Przymusinski's Static Semantics

14:30 – 15:00 **P. A. Bonatti**:
Resolution for Skeptical Stable Semantics

15:00 – 15:30 **T. Eiter, J. Lu, V. S. Subrahmanian**:
Computing Non-Ground Representations of Stable Models

15:30 – 16:00 Coffee Break

16:00 – 17:30 System Descriptions II

16:00 – 16:30 **U. Zukowski, B. Freitag**:
The Deductive Database System LOLA

16:30 – 17:00 **A. C. Kakas, C. Mourlas**:
ACLP: Flexible Solutions to Complex Problems

17:00 – 17:30 **P. T. Kandzia**:
Non-monotonic Reasoning in FLORID

17:30 – 20:00 Dinner Break

20:00 – 22:00 System Descriptions III

20:00 – 20:30 **G. Neugebauer, D. Schäfer**:
GLUE: Opening the world to Theorem Provers

20:30 – 21:00 **I. Niemelä, P. Simons**:
Smodels – an implementation of the stable model and well-founded semantics for normal LP

21:00 – 21:30 **P. Rao, K. Sagonas, T. Swift, D. Warren, J. Freire**:
XSB: A system for efficiently computing WFS

21:30 – 22:00 **T. Schaub, P. Nicolas**:
An implementation platform for query-answering: X-RAY

Wednesday 30 July 1997

09:00 – 10:00 Invited Talk III

Bruno Buchberger:
Computing, Solving, Proving: A Survey on the Theorema Project

10:00 – 10:30 Coffee Break

10:30 – 12:00 Panel Discussion on Implementations

12:00 – 14:00 Lunch Break

14:00 – 15:00 Panel Discussion on the state of LP&NMR

15:00 – 22:00 Excursion and Conference Dinner

Thursday 31 July 1997

09:00 – 10:00 Invited Talk IV

Michael Gelfond:
Towards a Systematic Approach to Representing Knowledge in Declarative Logic Programming

10:00 – 10:30 Coffee Break

10:30 – 12:00 Session V

10:30 – 11:00 **C. V. Damasio, L. M. Pereira**:
A Paraconsistent Semantics with Contradiction Support Detection

11:00 – 11:30 **M. Dekhtyar, A. Dikovsky, N. Spyratos**:
On Conservative Enforced Updates

11:30 – 12:00 **C. Witteveen, W. van der Hoek**:
A General Framework for Revising Non-Monotonic Theories

12:00 – 14:00 Lunch Break

14:00 – 16:00 Session VI

14:00 – 14:30 **A. Brogi, S. Contiero, F. Turini**:
Composing General Logic Programs

14:30 – 15:00 **T. Eiter, G. Gottlob, H. Veith**:
Modular Logic Programming and Generalized Quantifiers

15:00 – 15:30 **V. Petukhin**:
Programs with Universally Quantified Embedded Implications

15:30 – 16:00 **A. Yahya**:
Generalized Query Answering in Disjunctive Deductive Databases: Procedural and Non-Monotonic Aspects