Constraint Programming 98 (CP98)
Joint Workshop on
Modeling and Computing with Concurrent Constraint Programming (W1)
and
Set Constraints and Constraint-Based Program Analysis (W5)

Friday October 30, 1998

09:00 – 10:30	Plenary Session
	Tutorial 1: A Generic Algorithm for Analysis and Verification *Joxan Jaffar* Constraint-Based Debugging of CLP programs *Claude Lai and Jean-François Pique* Closed-Form Evaluation and Abstraction for Parametric Timed Automata *Béatrice Bérard and Laurent Fribourg*
10:30 – 11:00	Coffee Break
11:00 – 12:30	Plenary Session
	Tutorial 2: Constraint-Based Analysis of Object-Oriented Languages *Jacob Rehof* Type Constraints as a Semantic Characterization of Type Systems *Luis Damas and Mario Florido* Multiset-based Analysis for Concurrent Object-Oriented Programming Languages *Jean-Louis Colaço, Marc Pantel and Patrick Salle*
12:30 – 14:00	Lunch
14:00 – 16:00	Session A: Concurrent Constraint Programming
	An Attribute Grammar Modelling for Generating CCLP Languages *Aggelos M. Thanos and G. Papakonstantinou* A Simulator for Concurrent Constraint Languages *Tatyana Valkevych, David Gilbert and Alexander Letichevsky* Efficient Logic Variables for Distributed Computing *Seif Haridi, Peter Van Roy and Per Brand, Michael Mehl, Ralf Scheidhauer and Gert Smolka* Excluding Symmetries in Concurrent Constraint Programming *Rolf Backofen and Sebastian Will*
	Session B: Set Constraints
	Tutorial 3: Tarskian Set Constraints *Leszek Pacholski* Set Constraints and Topology *Frank Seynhaeve* Relating Set Constraints and CLP(Sets) *Agostino Dovier, Carla Piazza and Gianfranco Rossi* A Hybrid Representation for Set Constraint Satisfaction Problems *Vincent Thornary and Jéroôme Gensel*
16:00 – 16:30	Coffee Break
16:30 – 18:00	Plenary Session
	Tutorial 4: Pre vs. Post Conditions in CLP-based Program Analysis *Andreas Podelski* Modeling an AERCam: A Case Study in Modeling with cc Languages *Lars Ålenius and Vineet Gupta* Discussion: Constraints for Modeling, Programming and Analyzing—a research field within, or outside of Constraint Programming?