Programme for LOPSTR '97

Friday, July 11

9.00 - 10.00 Invited Talk
W. Bibel, D. Korn, C. Kreitz, F. Kurucz, J. Otten, S. Schmitt, G. Stolpmann
A multi-level approach to program synthesis

10.00 - 10.30 Coffee Break

10.30 - 12.30 Program Transformation I
H. Buyukyildiz, P. Flener
Generalized Generalisation Generalizers
E. Chasseur, Y. Deville
Logic Program Schemas, Semi-Unification and Constraints
J. Richardson, N. E. Fuchs
Development of correct transformation schemata for Prolog programs
H. Saglam, J. P. Gallagher
Constrained Regular Approximation of Logic Programs

12.30 - 14.00 Lunch Break

14.00 - 16.00 Analysis
A. Bossi, N. Cocco
Programs without Failures
A. Heaton, P. Hill, A. King
Practical Analysis of Logic Programs with Delay
N. Lindenstrauss, Y. Sagiv, A. Serebrenik
Unfolding the Mystery of Mergesort
M. M. West, C. H. Bryant, T. L. McCluskey
Transforming General Program Proofs: A Meta Interpreter which Expands

16.00 - 16.30 Coffee Break

16.30 - 18.30 Program Transformation II
L. Lafave, J. P. Gallagher
Constraint-based Partial Evaluation of Functional Logic Programs
J. C. Martin, A. King
Inferring Numeric Relationships for Logic Program Transformation
A. Momigliano, M. Ornaghi
Towards a Logic for Reasoning about Logic Programs Transformation
W. Vanhoof, B. Martens
To Parse or Not To Parse
Saturday, July 12

9.00 - 10.00  Invited Talk
H. Christiansen
Implicit program synthesis by a reversible metainterpreter

10.00 - 10.30  Coffee Break

10.30 - 11.30  Tabling
M. Leuschel, B. Martens, K. Sagonas
Preserving Termination of Tabled Logic Programs While Unfolding
S. Decorte, D. De Schreye, M. Leuschel, B. Martens, K. Sagonas
Termination Analysis for Tabled Logic Programming

11.30 - 12.30  ILP
F. Esposito, D. Malerba, G. Semeraro, S. Ferilli
Incremental Inductive Synthesis of Datalog Theories
E. Lamma, P. Mello, M. Milano, F. Riguzzi
Integrating Extensional and Intensional ILP Systems through Abduction

12.30 - 14.00  Lunch Break

14.00 - 15.30  Program Synthesis
F. Alexandre, K. Bsaïes
Derivation of Logic Programs by Generating Eureka Properties
P. Flener, K.-K. Lau, M. Ornaghi
On Correct Program Schemas
L. Naish, L. Sterling
A Higher Order Reconstruction of Stepwise Enhancement

15.30 - 16.00  Coffee Break

16.00 - 17.00  LOPSTR PC Meeting