Foreword

The last conferences entirely devoted to attribute grammars were WAGA'90, Paris and SAGA'91, Prague. Since then many new attribute grammar systems and applications have been developed and concepts of attribute grammars have been merged with recently developed fields such as adaptive and generic programming. Attribute grammars are still the subject of active research and now find important, useful and practical applications in various areas such as natural language processing, communication protocols, databases etc.

The aim of this one day workshop WAGA'99 was to bring together researchers from academia and industry interested in the field of attribute grammars. The workshop covered all aspects of attribute grammars, with special emphasis on new applications of attribute grammars (outside compilation) and comparisons to other formalisms (action semantics, evolving algebra, denotational semantics, natural semantics, abstract interpretation), to technical standards (mark-up languages SGML and XML), and to programming languages (object-oriented programming, constraint logic programming, functional programming, adaptive programming, generic programming). It featured one invited talk, 11 presentations selected by the Program Committee out of 23 submissions and a discussion.

WAGA'99 was held on March 26th, 1999 in Amsterdam, The Netherlands, as a satellite event of ETAPS'99.

Organization

ETAPS	European Joint Conferences on Theory and Practice of Software
INRIA	Institut National de Recherche en Informatique et en Automatique

Scientific Organizers

Didier	**PARIGOT**	Chair
Marjan	**MERNIK**	Co-chair

Organization Committee

Etienne	**Duris**	INRIA Rocquencourt
Loïc	**Correnson**	INRIA Rocquencourt
Mitja	**Lenič**	University of Maribor
Robert	**Krušec**	University of Maribor

Program Committee

Henk	**Alblas**	University of Twente
Isabelle	**Attali**	INRIA Sophia Antipolis
Lex	**Augusteijn**	Philips Research Laboratories
Stefano Crespi	**Reghizzi**	Politecnico di Milano
Görel	**Hedin**	Lund University
Uwe	**Kastens**	Universität-GH Paderborn
Takuya	**Katayama**	Japan Advanced Institute of Science and Technology
Merik	**Meriste**	University of Tartu
Marjan	**MERNIK**	University of Maribor
Khalid	**Mughal**	University of Bergen
Jukka	**Paakki**	University of Helsinki
Didier	**PARIGOT**	INRIA Rocquencourt
Gilles	**Roussel**	Université de Marne-la-Vallée
Doaitse	**Swierstra**	University of Utrecht
William M.	**Waite**	University of Colorado at Boulder
Viljem	**Žumer**	University of Maribor

Acknowledgements

The organizers of WAGA'99 are grateful to Don Sannella, Frans Snijders and Organizing Commitee of ETAPS'99 for their great help in the organization of the workshop. We wish to sincerely thank to Program Commitee for their assistance in the reviewing process.

Didier Parigot and Marjan Mernik
Scientific organizers of WAGA'99
Rocquencourt, March 1999
Maribor, March 1999