

# Lecture Notes in Computer Science

Edited by G. Goos and J. Hartmanis

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Eiiti Wada (Ed.)

## Logic Programming '86

Proceedings of the 5th Conference  
Tokyo, Japan, June 23–26, 1986

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## Foreword

The present volume of the Springer Lecture Notes in Computer Science includes papers presented at the fifth Logic Programming Conference (June 23 - 26, Tokyo) and subsequently submitted for publication. The conference itself was, as usual, sponsored by ICOT (the Institute for New Generation Computer Technology).

The format of this last conference differed from that of the preceding ones in that:

On Monday, two tutorial talks were given, i.e.

1. Introduction to ESP: system description language for sequential prolog machine by T. Chikayama
2. Introduction to GHC: parallel logic programming language by K. Ueda

and two invited speeches were presented on Tuesday and Wednesday, i.e.

1. Japanese phrase structure grammar by T. Gunji
2. Logic program transformation by H. Tamaki and T. Sato.

Twentysix normal papers were presented from Tuesday to Thursday.

Some sad news:

Professor Tohru Moto-oka who played an insightful role as the leader for the Japanese fifth generation computer project passed away on November 11, 1985. His warm criticism and timely advice given to us at the former conferences and elsewhere will be missed but his voice and smile will remain in our mind with the pleasant memory of one of the founders of the Japanese computer technology.

As the chairman of the program committee, I thank its members, referees and authors for their cooperation and patience. I also thank ICOT for the conference administration.

Eiiti Wada  
The University of Tokyo

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