Advance Program

Computer Society of the IEEE 1986 International Conference on

Computer Languages

Konover Hotel
Miami Beach, Florida

Tutorials
Conference
October 27, 1986

October 28-30, 1986

Sponsored by: Computer Society of the IEEE Computer Languages Technical Committee

Tutorial Program
(MONDAY, OCTOBER 27, 1986)

Advanced Topics in Ada®
Narain Gehani, AT&T Bell Laboratories

Modula-2
A. Winsor Brown, McDonnell Douglas Corporation

PROLOG and Language Processor Prototyping
Jacques Cohen, Brandeis University

Technical Program
(TUESDAY, OCTOBER 28 thru THURSDAY, OCTOBER 30, 1986)

Refereed Papers on:

- Logic Programming
- Functional Programming
- Specification
- Distributed Languages
- Formal Definitions
- Language Features

Panel Sessions on:

- Specification Languages
- Distributed Language Constructs

Birds-Of-A-Feather Sessions on:

- Language Comparison
- Emerging Paradigms
**Advance Program Summary**

**Conference Overview:**
This conference provides a forum for the presentation and discussion of current work on computer languages. Participants from leading universities, research institutes, industry and government will be attending this conference. Issues to be addressed are related to computer language design, implementation, theory, application and evaluation. The conference setting is within South Florida's Gold Coast in Miami Beach, with access to beaches, deep sea fishing, shopping, sightseeing, the arts and sporting events. The Computer Languages Conference has been designed to offer you a high quality technical program combined with a unique social environment.

**Tutorial Program:**
Three concurrent full-day tutorials are offered on Monday, October 27, 1986 —
- Advanced Topics in Ada® by Narain Gehani, AT&T Bell Laboratories
- Modula-2 by A. Winsor Brown, McDonnell Douglas Corporation
- PROLOG and Language Processor Prototyping by Jacques Cohen, Brandeis University

**Technical Program:**
This conference will serve as a focal point for the computer languages community with refereed papers on the theoretical and pragmatic aspects of language development, implementation and use. Refereed papers will be presented in the following sessions —
- Logic Programming
- Functional Programming
- Specification
- Distributed Languages
- Formal Definitions
- Language Features

Panel sessions on —
- Specification Languages
- Distributed Language Constructs
- Birds-of-a-feather sessions planned on —
- Language Comparison
- Emerging Paradigms

*Ada* is a registered trademark of the US Government-Ada Joint Program Office.
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