### 1985 SIGAda
#### INTERNATIONAL CONFERENCE
14, 15, 16 MAY
PARIS, FRANCE

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**TUESDAY, MAY 14, 1985**

**Session 1: Ada Use in Europe**

IT Companies Acceptance of and Attitudes Towards Ada, and Some Related Aspects of the Software Market Place.

M.W. Rogers, R. Psenirka (ITTF, CEC)

**Session 2: Database Applications**

Experiences in Building a Relational Database Management System in Ada

Olav Poutanen, Kari-Matti Varranki, Tapio Valimaki (Oy Softplan AB)

A Database for an Ada Programming Environment

Kjell-Hakan Nefelt (University of Lulea), Dick Schefstrom (TeleLogic AB)

A Tool Kit for Database Programming in Ada

John M. Smith, Arvola Chan, Sy Danberg, Stephen Fox, Anil Nori (Computer Corporation of America)

**Session 3: Applications to Distributed Systems**

Highly Parallel Ada—Ada on an Ultracomputer

Edith Schonberg, Edmond Schonberg (Courant Institute of Mathematical Sciences, New York University)

Some Problems in Distributing Real-Time Ada Programs Across Machines

Richard A. Voltz, Trevor N. Mudge, John H. Mayer (Center for Robotics and Integrated Manufacturing, University of Michigan)

Use of Ada in the Design of Distributed Systems

Paola Inverardi, S. Mazzanti, C. Montangero (IEICNR)

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**WEDNESDAY, MAY 15, 1985**

**Session 4: Ada Debugging**

Saving Traces for Ada Debugging

Carol H. LeDoux, D. Scott Parker, Jr. (University of California at Los Angeles)

Execution Monitoring and Debugging Tool for Ada Using Relational Algebra

A. DiMaio, S. Crespi Reghizzi (Politecnico Di Milano)

An Event Driven Debugger for Ada

C. Mauger, K. Pammel (Alsys S.A.)

**Session 5: Application and Evaluation**

Ada and the Graphical Kernel System

Thomas M. Leonard (Harris Corporation)

An Approach for Evaluating the Performance Efficiency of Ada Compilers

Mitchell J. Bassman, Gerald A. Fisher Jr., Anthony Gargan (Computer Sciences Corporation)

The Efficiency of Storage Management Schemes for Ada Programs

Rajiv Gupta, Mary Lou Soffa (University of Pittsburgh)

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**ADVANCE REGISTRATION**
(Must be received by April 15, 1985)

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Add $30. 270 FF at door $10. 90 FF for students

**U.S. 1985 Ada Conference**

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Cancellations must be received in writing no later than April 1, 1985

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**Session 6: Ada Design Methods**

An Overview and Example of Application of CADA, A New Design Environment for Ada — R. J. A. Buhr, G. M. Karam (Carleton University)

Specification of Ada Packages

Friedrich W. von Henke (SRI International and Stanford University)

Programming Large and Flexible Systems in Ada

Oliver Roubine (Informatique Internationale)

**Session 7: Ada Education**

Lessons from Practical Experience Teaching Hands-On, Real Time Embedded System Programming With Ada

R.J.A. Buhr (Carleton University)

In Search of ‘Real’ Ada — A Software Saga with a Moral or Two

Bryce M. Bardin, Marion F. Moon (Hughes Aircraft Company)

Developing an Automated Ada Training Product

Benjamin M. Brosbol (Alsys, Inc.), Rene Beretz (Alsys, S.A.)

**THURSDAY, MAY 16, 1985**

**Session 8: Ada Language Issues**

Viewing Ada from a Process Model Perspective

Robert E. Strom, Shaula Yemini (IBM Research), Peter Wegner (Brown University)

TSL: Task Sequencing Language

David Helmbold, David Luckham (Stanford University)

Automatic Language Conversion and Its Place in the Transition to Ada

Peter J. Wallis (University of Bath)

**Session 9: Ada Design and Implementation Tools**

An Implementation of ANNA

Sriram Sanker, David Rosenblum, Randall Neff (Stanford University)

A Tool for Ada Program Manipulations: Mentor—Ada

V. Donzeau-Gouge, B. Lang (INRIA)

Ada in the ECLIPSE Programming Support Environment

R. H. Pierce (Software Sciences Limited)

**Session 10: Ada Compiler Implementation**

The Development of an Ada Front End for Small Computers

Jorgen Bundgaard, Ida Ordning Hansen, Jesper Jorgensen (Danish Datamak Center)

A Runtime Supervisor to Support Ada Tasking

G.A. Riccardi, T.P. Baker (Florida State University)

The Ada Front End and Code Generator

William Maddox, Mario Barbacca, Thomas Newton, Robert Stockton (Carnegie - Mellon University)

The ALS Ada Compiler Global Optimizer — David Tafts /SoftTech, Inc.)

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