
Conference Schedule (June 27-30, 2000)

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<th>Time</th>
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<tr>
<td>900</td>
<td>Opening Session</td>
<td>Keynote Session</td>
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<td>1045</td>
<td>APIs and Components</td>
<td>Real Time and Safety Critical Systems</td>
<td>Formal Analysis Methods</td>
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<tr>
<td>1400</td>
<td>Lunch</td>
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<td>1545</td>
<td>Risk &amp; Reliability Management</td>
<td>Testing</td>
<td>Vendor Presentations</td>
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<td>1615</td>
<td>Tools</td>
<td>Vendor Presentations</td>
<td>ASIS</td>
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<td>1800</td>
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<td>Evening performance, featuring Lady Ada</td>
<td>Banquet</td>
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Sessions

Real-Time and Safety-Critical Systems
An Open Ravenscar Real-Time Kernel for GNAT, Juan A. de la Puente, José F. Ruiz, Juan Zamorano
Object-Oriented Programming and Protected Objects in Ada 95, A.J. Wellings, B. Johnson, B. Sanden, J. Kienzle, T. Wolf and S. Michell
Is An Ada Lint Necessary? Björn Källberg

Tools
Using Java APIs with Native Ada Compilers, Shayne Flint, Brian Dobbing
Static Worst-Case Execution Time Analysis of Synchronous Programs, Thomas Ringler
A Supporting Tool for Development of Self-Measurement Ada Programs, Yusuke Nonaka, Jingde Cheng and Kazuo Ushijima

APIs and Components
On Persistent and Reliable Streaming in Ada, Jörg Kienzle, Alexander Romanovsky
Reengineering the Booch Component Library Jordi Marco, Xavier Franch
GtkAda: Design and Implementation of a High Level Binding in Ada, Emmanuel Briot, Arnaud Charlet, Joel Brobecker

ASIS
ASIS-for-GNAT: A Report of Practical Experiences, Sergey Rybin, Vasily Fofanov, Alfred Strohmeier, Aleksei Kuchumov
Generation of Interface Description Documents Using ASIS, Steven V. Hovater
An Ada95 Programming Style Checker Using the GNAT ASIS Implementation, Patrick Closhen, Hans-Juergen Hoffmann

**Risk and Reliability Management**
Enhancements in Software Project Risk Management, Peter Wieland, Frode Høgbørg and Kristin Strømseng
Constructing Reliable Embedded Systems Using the Results of System Safety Analysis, Giuseppe Mauri, Stefan Scheer
An Application of the Chains-of-Rare-Events Model to Software Development Failure Prediction, N. R. Barraza, J. D. Pfefferman, B. Cernuschi-Frias, and F. Cernuschi

**UML**
Interaction of active objects via shared protected objects: UML design and Ada realisation, Horst A. Neumann
Analysis, Design, and Implementation of an Object-Oriented Framework in Ada95, Detlef Schmitt
MTS: Integrating UML, HOOD, Ada in a Full Ada Operational Software Project, Agusti Canals, Thierry Lacomme, Sévérine Carles, Franois Normand

**Formal Analysis Methods**
Symbolic Dataflow Analysis for Detecting Deadlocks in Ada Tasking Programs, Johann Blieberger, Bernd Burgstaller, and Bernhard Scholz
Exceptions in OO languages: Using them and reasoning about them, Neelam Soundarajan, Stephen Fridella
(True) Polymorphism in SPARK2000, Tse-Min Lin, John A. McDermid

**Testing:**
Improving the Reliability of Object-Oriented Software through Object-level Behavioral Simulation, Mahesh Deshpande, Frank Coyle and Jeff Tian
Results of an Investigation Into Software Integration Testing Automation, Simon Kiteley, Jonathan Draper
On minimal essential subsets and minimal representative sets, T. Y. Chen and M. F. Lau

**Tutorials** (June 26 and June 31, 2000)
Brosilol, Ben, *Java for Ada Programmers*;
Gonzalez Harbour, Michael, *Real-Time POSIX*;
Cook, David and Dupaix, Les, *Ada95 for Beginners*;
Cook, David and Dupaix, Les, *Ada95 for Ada83 Programmers*;
Hauser, Hans-Ludwig, *Software Metrology Basics*;
Rosen, Jean-Pierre, *The HOOD 4 design method*;
Tian, Jeff, *Tree-Based Reliability Models (TBRMs)*;

Heaney, Matthew, *Implementing Design Patterns in Ada95*;
Harbaugh John, *High Integrity Ada Tasking*;
Briot, Emmanuel, *GtkAda, an Ada95 object-oriented graphic toolkit*;
Rybin, Sergey and Fofanov, Vasily, *Building Ada development tools with ASIS for-GNAT*;
Leringe, Orjan, *Windows development with Ada*;
Gasperoni, Franco, *Developing Ada Applications for the Java Platform with JGNAT*

**Conference and hotel registration**
The hotel *Potsdam* is the conference location. Hotel accommodations can be reserved along with your conference registration. Please make hotel reservations only via the conference registration form (not directly with the hotel). Hotel and conference registration forms are available on-line at the conference home page. For printed registration forms please send email to: christine.harms@gmd.de or keller@iai.fzk.de.

Members of Ada-Europe (either direct or indirect members), members of ACM and members of Ada Deutschland get a discount on the full conference fee. Significant early registration discounts apply until May 12th.

**For further information, please contact:**
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For registration materials and up-to-date information on the program, the tutorials, invited speakers, and daily schedules, please visit: