As we approach the next millennium, our SIGAda 2000 Conference will be a special technology update on Ada and the related technologies enabling Ada to be successful where reliable software matters. Ada has been a key development language in hard real-time/distributed systems for defense, space, aeronautics, ground transportation, air transportation, industrial process control, sensor processing, communications, and scientific research.

In addition, a new wave of exciting and promising Ada developments has appeared in the last few years. This conference will address these developments and the technology that makes them possible to make you more effective as a developer, educator, or technical manager. This is a conference you need to attend.

### Ada Technology Update

**INVITED SPEAKERS INCLUDE:**

- **Lars Asplund**
- **Ted Baker**
- **Brad Balfour**
- **David Botton**
- **Emmanuel Briot**
- **Ben Brosgol**
- **Alan Burns**
- **Rod Chapman**
- **Arnaud Charlet**
- **Richard Conn**
- **David A. Cook**
- **Dan Cooper**
- **Jon Dehn**
- **Robert B. K. Dewar**
- **Dave Emery**
- **Michael Feldman**
- **Franco Gasperoni**
- **Dave Hardin**
- **Doug Jensen**
- **Mike Kamrad**
- **Judith Klein**
- **Thierry Lelegard**
- **James W. Moore**
- **Laurent Pautet**
- **Juan de la Puente**
- **George Romanski**
- **Kelly L. Spicer**
- **S. Tucker Taft**
- **Joyce Tokar**

For recent updates, please see the SIGAda 2000 Website [http://www.acm.org/sigada/conf/sigada2000](http://www.acm.org/sigada/conf/sigada2000)

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**Preliminary Advance Program**

Tutorials, Speakers, and Workshops

Registration Form enclosed

**Full Conference Program available in August**

**TUTORIALS**

SIGAda 2000 will offer two days of outstanding technical tutorials led by some of the most respected instructors in the industry. More than a dozen half and full-day sessions have been selected to meet the needs of software developers in today’s demanding environments.

*(See page 2 for Tutorial Titles)*
SIGAda 2000 TUTORIAL PROGRAM

SUNDAY, 12 November
Full-Day Tutorials

SF1 Introduction to Ada and Ada95 Programming Language
David A. Cook and Leslie Dupax

SF2 The Personal Software Process
Dan Roy

SF3 Implementing Design Patterns in Ada95
Matthew Heaney

SF4 Real-Time and Non-Real-Time CORBA Programming for Ada 95
Brad Balfour

SF5 Developing COM, DCOM, and COM+ Enabled Applications with Ada95
David Botton

SF6 Java for Ada Programmers
Ben Brosigol

SF7 The Cleanroom Methodology
Bill Bail

Our tutorial program features a full line-up of Ada 95 and object-oriented technology sessions and covers a broad range of disciplines including systems and software engineering, software process standards-based development, architecture, software tools, reuse, and the World Wide Web.

EXHIBITORS
SIGAda 2000 will include vendor participation, featuring presentations on their products and services. For specific information, please contact the Exhibits Chair: Hal Hart, TRW +1-310-764-6880 Email: Hal.Hart@acm.org or see:
http://www.acm.org/sigs/sigada/conf/sigada2000/exhibit-sponsor-opportunities.html

WORKSHOPS
Focused workshops will be conducted at varying times during the five days of the conference. Workshops in past years have included Real-time Design Issues, Pattern Reuse, and ASIS. Full workshop descriptions will be on the conference website, and workshop participation will be free to conference registrants. To propose a workshop, please contact the Workshop Chair, Alok Srivastava Email: Alok.CTR.Srivastava@faa.gov

GRANTS TO EDUCATORS
As in past years, SIGAda is offering grants to educators to attend the conference. Grants cover the registration and tutorial fees; travel funds are not available. Details on the grant program are available from:
Prof. Michael B. Feldman Tel: +1 202 994-5919 Fax: +1 202 994-0227 Email: mfeldman@seas.gwu.edu or see:

MONDAY, 13 November
Full-Day Tutorials

MF1 GtkAda, an Ada95 Object-Oriented Graphic Toolkit & GUI Builder
Arnaud Charlet and Emmanuel Briot

MF2 Web Technologies for Effective Dissemination of Information
Currie Colket, John McCormick, Clyde Roby, and David A. Wheeler

Half-Day Tutorials

Monday Morning

MA1 SPARK - High Integrity Ada Programming
John Barnes

MA2 JGNAT for Ada using GNAT
Gary Dismukes

MA3 Ada Tasking
David A. Cook

MA4 TASH - an Ada Binding to TCL/Tk
Terry Wesley

Monday Afternoon

MP1 Building Ada Development Tools with ASIS-for-GNAT
Sergey Rybin and Vasily Fofanov

MP2 New Directions in Windows GUI Programming
David Botton

MP3 Software Systems Architecture: A Practical Architectural Method
David Emery

MP4 The Software Engineering Body of Knowledge (SWEBOK)
James W. Moore

Conference Officers

SIGAda Vice Chair for Meetings and Conferences,
General Chair,
Currie Colket,
MITRE (colket@mitre.org)
+1-703-883-7381
Program Chair,
Franco Gasperoni,
Ada Core Technologies & ACT-Europe (gasperon@gnat.com)

Exhibits Chair
and Conference Treasurer,
Hal Hart,
TRW (Hal.Hart@acm.org)
+1-310-764-6880

Tutorial Chair,
David Cook,
C.S. Draper Laboratory (cookd@software.hill.af.mil)

Publicity Chair,
David Harrison,
Logicon Advanced Technology (dharrison@acm.org)

Publicity Co-Chair,
William Thomas,
MITRE (bthomas@mitre.org)

Registration Chair
Tom Panfil,
U.S. Department of Defense
(t.panfil@gte.net)

Proceedings Editor,
Clyde Roby,
Institute for Defense Analysis
(roby@IDA.org)

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David Harrison,
Logicon Advanced Technology (dharrison@acm.org)

Workshops Chair,
Alok Srivastava
TRW (Alok.CTR.Srivastava@faa.gov)

Local Arrangements Chair
Rush Kester
JHU/APL (Rush.Kester@jhuapl.edu)

Education WG Chair
Michael Feldman
George Washington University
(mfeldman@seas.gwu.edu)

STUDENT WORK-GRANTS & DAILY NEWSLETTER
SIGAda 2000 will feature a daily newsletter Ada’s Window on the World, (AWOW) mixing interviews with key people, session summaries, and previews of next-day activities with local color, general computing thought pieces, and relevant world news briefs — in an informal, fun format. A limited number of student grants are available to staff AWOW. Work involves full participation in conference activities, writing some of the articles, and production editing for some; an estimated 2-3 hours of newspaper work nightly will be required. Monday - Wednesday (Sunday, too, for those who arrive by then). Benefits include free lodging (2 or more per room) and free conference & tutorials registration. A room with computer production facilities and local ACM support will be provided.

Interested students should contact SIGAda Vice Chair for Liaison Ron Oliver at: sroliver@CSC.CALPOLY.EDU

For more detailed information, select “Tutorials” from http://www.acm.org/sigada/conf/sigada2000/
Advance Registration Form

for On-line registration, select: Registration from http://www.acm.org/sigada/conf/sigada2000

First Name (Dr/Mr/Mrs/Ms.)  Middle Initial  Last Name

Title

Badge Name  (as you wish it to appear)

Organization/Affiliation

Address

City  State/Province

Zip/Postal Code  Country

Telephone  Fax

E-mail Address

Sponsoring or Cooperating Society & Member No.

You must provide your membership number above to qualify for discount. If you are not a member, join SIGAda and/or ACM now, and save money!

RATE SCHEDULE  (circle the applicable fees)

<table>
<thead>
<tr>
<th>Member</th>
<th>Member</th>
<th>Non-Member</th>
<th>Full-Time Student</th>
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<tr>
<td>Conference - Three Days</td>
<td>On/Before Oct 20</td>
<td>$400</td>
<td>$550</td>
</tr>
<tr>
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<tr>
<td>Tutorials - Two Days</td>
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<tr>
<td>Tutorials - One Day or 2 Half Days</td>
<td>$350</td>
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</tr>
</tbody>
</table>

Tutorials are assigned first-come, first-served. Please circle the chosen tutorials in the Tutorial Selections box.

Avoid scheduling conflicts.

PAYMENT COMPUTATION

☐ Conference Fee ................................................................. $_____

☐ Tutorials Fee ................................................................. $_____

☐ Membership Dues ............................................................ $_____

☐ Additional Proceedings:  _______ copies x $50 $_____

☐ Additional Tuesday Evening Reception:  _______ tickets x $40 $_____

TOTAL FEES ENCLOSED $_____

PAYMENT OPTIONS

IMPORTANT: Your signature indicates your agreement to pay the conference fees with the credit card number you specified below. Please be advised that this transaction will be described on your monthly statement as a charge from SIGAda 2000 CONFERENCE FEE.

Card Nr. ____________________________  Good Thru: ____________

Cardholder’s Name ____________________________

Cardholder’s Signature ____________________________

Billing Address: ____________________________________________

HOTEL RESERVATIONS

A block of rooms has been set aside for SIGAda 2000 Conference attendees at the rate of $109 (USD) single/$119 double per night. Please identify your affiliation with SIGAda 2000 to receive this rate. We are fortunate to have the same low government rate for all SIGAda Conference Attendees. Rooms in this block will be available at this rate until October 23, 2000, after which the Conference rate or room availability cannot be guaranteed. Register early to obtain the Conference rate. Shuttle service will be available between the hotel and the conference venue at APL. Please make your Hotel reservations directly with

The Sheraton Columbia Hotel  10207 Wincopin Circle  Columbia, MD 21044
+1 (800) 638-2817 (US & Canada only)  +1-410-730-3900  +1-410-730-2212 (FAX)

SIGAda 2000 CONFERENCE FEE.

ACM & SIGAda Membership

☐ SIGAda Membership Only (non-ACM) ............... $25

☐ ACM Associate Membership (special rate) .... $95

☐ Add SIGAda to ACM Membership ................. $25

☐ ACM Student Membership ........................... $38

☐ Add SIGAda Student to ACM Student Membership ................. $10

Total Membership Dues $_____

“To advance the sciences and arts of information processing, to promote the free interchange of information about the sciences and arts of information processing among specialists and among the public, and to develop and maintain the integrity and competence of individuals engaged in the practice of information processing. As an ACM member, I subscribe to the purposes of ACM”.

Signature ____________________________ Date ____________

TUTORIAL SELECTIONS

<table>
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<tr>
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<tr>
<td>MF1  MF2</td>
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<td>MA1  MA2  MA3  MA4</td>
</tr>
<tr>
<td>MP1  MP2  MP3  MP4</td>
</tr>
</tbody>
</table>

Cancellation Policy: Confirmed registrants who cannot attend, and do not send a substitute, are entitled to a refund of paid fees (less a $50 processing fee) if a request is received in writing on or before October 20, 2000. Registrants are liable for their full fees after that date.

Those registered before 20 October 2000 will receive confirmation by fax or mail.

Mail Form with payment to: ACM SIGAda 2000
C/O Thomas A. Panfil
REGISTRATION CHAIR
PO BOX 5210
LAUREL MD 20726-5210

Fax to: +1-301-604-3204

For additional information, visit our web site at: http://www.acm.org/sigada/conf/sigada2000/

Please return this form with full payment or it cannot be processed.

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☐ MasterCard

☐ American Express