



ACM SIGAda's 20th International Conference on Ada-Related Technologies

SIGAda

2
0
0
2

20th International Conference on Ada-Related Technologies

SIGAda 2002 is your only opportunity in the U.S. this year to learn the latest developments about Ada and related technologies, from the world's leading Ada practitioners, researchers, and educators. One of the highlights of the conference will be a focus on what is in store for the next version of the language standard - find out late-breaking news on the changes that are being considered, and how they will affect your use of the language. Other topics on the refereed conference program include experience reports from Ada developers and educators, new findings from the research community, and an analysis of Ada and Java for real-time programming. Supplementing the program will be a selection of exciting tutorials on Ada-related subjects, an exhibit area where you can find the latest products from vendors, and several workshops on technologies relevant to Ada. Continuing an initiative of SIGAda's Education Working Group, the conference is making a special outreach effort to involve students and educators.

Holiday Inn Houston/NASA
Houston (at Clear Lake), TX USA
8 - 12 December, 2002

Sponsored by ACM's Special Interest Group on the Ada Programming Language,
In Cooperation With
SIGAPP, SIGCAS, SIGCSE, SIGPLAN, SIGSOFT and Ada-Europe
Hosted by Clear Lake SIGAda Chapter

WG9 Forum

Tuesday, December 10, 4:00 pm
Thursday, December 12, 9:15 am

The ISO/IEC JTC1/SC22 WG9 Ada Rapporteur Group (ARG) is in the process of defining the next generation of the Ada Language, which is expected to be an approved standard in the year 2005. WG9 will solicit feedback on the issues and their proposed solutions for incorporation into the amendment to the Ada language.

Since its inception, Ada has been successful in systems where reliability is essential. Its application domains include aeronautics, air traffic control, aerospace, simulation, shipping, railway systems, communications, and many others. It is used in environments ranging from bareboard embedded devices to large-scale distributed real-time systems, and in multi-language software interfacing with C, C++, Fortran, and Java. Ada is used both in the U.S. and abroad, for both government and commercial systems, and is taught at colleges and universities where software engineering is an important focus. Whether you are from industry, government, or academia, if you are interested in where Ada is today and where it is going, SIGAda 2002 is a conference you need to attend.

Our Corporate Sponsors

Rational
the e-development company™

www.rational.com



www.aonix.com

For recent updates / schedule changes, please see the
SIGAda 2002 Website:
www.acm.org/sigada/conf/sigada2002

Special Keynote Presentations with:

Dr. Robert Dewar
President
Ada Core Technologies

Michael McEvilley
Deputy Director Systems Security Engineering
Decisive Analytics Corporation

Dr. Charles McKay
Dean, School of Science and Computer Engineering
University of Houston/Clearlake

Robert Carey
National Ignition Facility Control System Architect
Lawrence Livermore Laboratory

Full Day Tutorials

Introduction to Ada and Ada95,

David Cook, Les Dupaix & Eugene Bingue

CORBA for Embedded Systems

S. Ron Oliver

Introduction to Common Criteria for Information Technology Security Evaluation (CC) and the Underlying Concepts of Trust in Computer Systems

Michael McEvelley

SPARK

Rod Chapman

Half Day Tutorials

Introduction to Tasking

Les Dupaix, Eugene Bingue

Implementing Design Patterns in Ada 95

Matthew Heaney

Exceptions

Currie Colket

Embedded / Real-Time Ada95

Pat Rogers

SIGAda

2002

ACM SIGAda Annual International Conference

Sponsored by the ACM Special Interest Group on the Ada Programming Language

Houston (at Clear Lake), Texas USA -- 08-12 December 2002

SIGAda 2002 Advance Registration Form

For On-Line Registration, see www.acm.org/sigada/conf/sigada2002/

Name (First, Middle Initial, Last): _____
 (Dr./Mr./Mrs./Miss): _____ Job Title: _____
 Badge Name (as you wish it to appear): _____
 Organization/Affiliation: _____
 Address: _____
 City: _____ State/Province: _____
 Zip/Postal Code: _____ Country: _____
 Telephone: _____ Fax: _____
 Electronic-Mail: _____
 Sponsoring or Cooperating Society & Member Number: _____ / _____

You must provide your membership number to qualify for a discount. If you are not a member, join SIGAda and/or ACM now, and save money. Please check the box next to any information which we should ***NOT*** publish in the On-Site Conference Attendee Listing: Name [], Organization [], E-mail Address [], Postal Address [], Phone / Fax numbers []. Please check the following box if we should ***NOT*** publish your Name, Organization, and Country in the Post Conference CD-ROM: [].

Registration Procedure:

Mail form with payment to:
ACM SIGAda 2002
C/O Thomas A. Panfil
Registration Chair
PO Box 5210
Laurel, MD 20726-5210 USA
Or fax to: +1.301.498.7313
Reg'n Form: AP

Cancellation Policy:

Registrants who cannot attend and do not send a substitute are entitled to a refund of fees paid (less a \$50 processing charge) if a written request is received on or before **November 10, 2002**. Registrants are liable for their full fees after that date.

ACM & SIGAda Membership:

<u>Professional Membership:</u>	
___ SIGAda Professional	\$25
___ ACM Professional	\$99
___ ACM Prof + Portal	\$198
<u>Student Membership:</u>	
___ ACM Portal	\$42
___ ACM Print	\$42
___ ACM Portal + Print	\$62
___ ACM Lite Package	\$19
___ SIGAda Student	\$10
Total Dues	\$_____

Qualifications & Pledge at:

www.acm.org/membership/

Tutorial Selections:

For a list of tutorials available, visit the tutorials section of the registration web-site. Write the code for your selected tutorials on the appropriate lines.

Sunday Full Day _____
 Monday Full Day _____
 Monday Morning _____
 Monday Afternoon _____

Conference & Tutorial Rates: Please Circle Selection(s)	Member		Non-Member		Student	
	On/Before 10 Nov	After 10 Nov	On/Before 10 Nov	After 10 Nov	On/Before 10 Nov	After 10 Nov
Conference All 3 Days	\$495	\$645	\$645	\$795	\$50	\$50
Conference One Day	\$295	\$295	\$295	\$295	\$50	\$50
Tutorial 2 Days	\$575	\$695	\$795	\$895	\$50	\$50
Tutorial 1 Day	\$400	\$500	\$500	\$600	\$25	\$25

Conference: All Conference Sessions, Exhibits, Tuesday Dinner, & Proceedings (Hard Copy & CD-ROM)
Conference - Any 1 Day: Conference Sessions, Exhibits, Tuesday Dinner, & Proceedings (HC & CD-ROM)
Tutorials - Two Days: Tutorial Sessions totaling 2 days, Exhibits, & Full Tutorials CD-ROM
Tutorials - One Day: Tutorial Sessions one full-day (or two half-days), Exhibits, & Full Tutorials CD-ROM

Special Requirements (if any):

Payment Computation

Conference Fee: \$ _____
 Tutorials Fee: \$ _____
 Membership Dues: \$ _____

Additional Proceedings:

CD-ROM: ___ copies x \$20 \$ _____
 Hard Copy: ___ copies x \$50 \$ _____

Tuesday Evening:

___ Additional tickets x \$30 \$ _____
TOTAL ENCLOSED: \$ _____

Payment Method Used

___ Check Payable to "ACM SIGAda 2002"
 ___ Visa
 ___ MasterCard
 ___ American Express
 ___ Other:
 Contact Registrar tapanfil@ieee.org
 within 10 Days to arrange payment.

Credit Card Payment Information

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 statement as a charge from ACM.

Card Number: _____
 Good Thru: _____
 Name, as on Card: _____
 Cardholder's Signature: _____

A block of rooms has been set aside for SIGAda 2002 attendees at the rate of US \$73 plus tax, single or double, per night (the US government per diem rate). It includes a buffet breakfast (extra \$5.95 plus tax & gratuity for buffet breakfast for 2nd occupant). Please identify your affiliation with **SIGAda 2002** to receive this rate. Rooms in this block will be available at this favorable rate **until 21 November 2002**, after which the Conference rate and room availability cannot be guaranteed. Register early to obtain the Conference rate. Please make reservations directly with **Holiday Inn Houston/NASA**, 1300 NASA Road One, Houston, Texas 77058 USA. Toll-Free Phone +1.800.682.3193 (USA/Canada Only). Toll Phone: +1.281.333.2500 (Worldwide). FAX: +1.281.335.1578. URL: <http://www.Houston-NASA.Holiday-Inn.com>

ACM SIG FACT SHEET

ACM/SIGAda

The ACM Special Interest Group on Ada Programming Language

A powerful resource for the software community's ongoing understanding of the scientific, technical and organizational aspects of Ada language's use, standardization, environments, and implementations.

URL:<http://www.acm.org/sigada/>

Mission Statement

The ACM SIG on Ada deals with the Ada language and a broad span of issues related to its usage, teaching, standardization, and implementation. SIGAda members include practitioners, educators, researchers, and managers from a wide range of organizations in industry, academia, and government. Among the topics that SIGAda addresses are software engineering practice (with a particular focus on object tech.), real-time applications, high-integrity & safety-critical systems, high-integrity and safety-critical systems, software education, and large-scale system development. SIGAda explores these issues through an annual multi-track international conference, special-purpose Working Groups, active local chapters, and its quarterly Ada Letters publication.

Demographics

Design, implementation and maintenance of software systems. Software development, management or procurement of software-intensive systems.

Awards

Outstanding Ada Community Contribution

Recognizes broad, lasting contribute to overall state of Ada Technology and usage

ACM SIGAda Distinguished Service

Recognizes exceptional "volunteer" contribute to SIGADA activities and products