

SIGAda

The ACM Special Interest Group on Ada

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2006 SIGAda Awards — Awarded at SIGAda 2006 in Albuquerque, New Mexico on November 15

Dear SIGAda Members:

In 1994, ACM SIGAda established an award program to recognize individuals and organizations that have made outstanding contributions to the Ada community and to SIGAda. The two categories of awards are:

Outstanding Ada Community Contribution Award

For broad lasting contributions to Ada technology and usage

ACM SIGAda Distinguished Service Award

For exceptional contributions to SIGAda activities and products

SIGAda awards, in the form of the statuette of Lady Lovelace, pictured on the right, are typically presented at the SIGAda conference each year, with nominations closing shortly before the conference. SIGAda has established a process where nominees are solicited from the international community. An Award Committee processes the nominations and presents the names of the nominees along with the nominating statements to the previous recipients of the award. The previous recipients of the award can vote for those nominees who are most deserving of the award. The awards for 2006 were presented at the SIGAda 2006 Conference on November 15th in Albuquerque, New Mexico.



**The Outstanding Ada Community Contribution Award is awarded to
Grady Booch and Ben Brosgol.**

The Citation for **Grady Booch** reads:

- Pioneer Ada educator; developed highly rated Ada courseware for wide distribution
- Pioneer Ada champion/advocate at mainstream (non-Ada) conferences
- Pioneer of Ada-for-Software-Engineering concept; author of influential best-seller "Software Engineering with Ada"
- Pioneer of Object-Oriented methods using Ada; developer of popular "Booch-O-grams"
- Frequent volunteer to speak at early Local SIGAda meetings and invited speaker at ACM SIGAda meetings
- Co-founder (& co-inspiration) of Rational Software as a pioneer company dedicated to providing state-of-the-art hw/sw Ada development environments
- Member ADA Board (AJPO Director's Advisory Board) Federal Advisory Committee

The Citation for **Ben Brosgol** reads:

- Ben Brosgol has been involved with many aspects of Ada for several decades starting with the initial Ada language definition.
- Almost 30 years ago, Ben led the "Red team" at Intermetrics that delivered one of the four competing design specs for the language that ultimately would become Ada 83. He was also a member of the Ada 9X Design Team that prepared the Ada 95 language revision, and co-author of the Ada 95 Rationale.
- Ben's contributions to the Ada community include work at various companies: from Intermetrics, over Alsys and various renamings/mergers later Aonix, to now being a senior technical staff member with AdaCore. He worked as Ada compiler and developer (Alsys' ActivAda, AdaWorld and ObjectAda toolsets, among others for PC/Windows), and was manager for the JGNAT product at AdaCore (which forms the basis for A#).
- Ben is well known for his outstanding educational qualities: teaching many Ada courses in industry, presenting tutorials or papers at conferences, publishing white papers on technical issues.
- He is also very active in "exporting" Ada's virtues and experience to other communities: participating at non-Ada conferences as presenter and Ada advocate in the SIGAda Ada awareness booth, and lately by helping the Real-Time specification for Java to benefit from Ada's experience.
- Finally, Ben has a long track record of being involved with Ada conference organization, writing reviews as program committee member, and offering sound advice based on his long experience.

Grady and Ben join a very distinguished list of past award recipients that includes Christine Anderson, Ted Baker, John Barnes, Kenneth L. Bowles, Randy Brukardt, Alan Burns, Martin Carlisle, Richard Conn, Dirk Craeynest, Robert Dewar, Robert Duff, David Emery, John Goodenough, Michael González Harbour, Hal Hart, Matthew Heaney, Audrey Hook, Jean Ichbiah, Magnus Kempe, Pascal Leroy, Bob Mathis, Charles McKay, Jim Moore, Emmett Paige, Jr., Erhard Ploedereder, Richard Riehle, Edmond Shonberg, SPARK Team, Alfred Strohmeier, Tucker Taft, Joyce Tokar, Andy Wellings, and William Whitaker

**The ACM SIGAda Distinguished Service Award is awarded to
Michael Berman**

The Citation for **Michael Berman** reads:

- Administer of the Team-Ada Mailing list from 1995 – 2005

Team Ada provides a forum for Ada advocacy

A large portion of the Administrator's time is spent dealing with the large amount of SPAM sent to the list. The Administrator approves (or denies) postings sent by non-subscribers, as well as by subscribers whose e-mail addresses are different from their subscribed addresses. The Administrator assists subscribers who are experiencing difficulty with their subscriptions.

- Developing and delivering the first Ada 95 programming course (sponsored by AJPO).
- Creating validation tests for the Ada 95 ACVC suite.

Michael joins a very distinguished list of past award recipients that includes Brad Balfour, Eugen Bingue, Benjamin Brosgol, Martin Carlisle, Ed Colbert, Norman Cohen, Currie Colket, David Cook, Leslie Dupaix, Chuck Engle, Mike Feldman, Gerry Fisher, Anthony Gargaro, Mark Gerhardt, Hal Hart, David Harrison, Mike Kamrad, Rush Kester, John McCormick, S. Ron Oliver, Thomas Panfil, Charlene Roberts-Hayden, Clyde Roby, Jean Sammet, SIGAda's Numerics Working Group, and the ASIS Working Group



Ben Brosgol with his **Outstanding Ada Community Contribution Award**. Grady Booch, and Michael Berman were not present at the award ceremony.

I would like to add my own thanks to Grady, Ben, and Michael for their many contributions to SIGAda and the Ada community. I would also like to thank the members of the SIGAda Award Committee who made these presentations possible: Hal Hart, Ed Colbert, and Clyde Roby.

John W. McCormick
Chair, ACM SIGAda

Glimpse of SIGAda 2006 Conference held at Albuquerque, NM in November 2006



Keynote speaker Judith Klein, Technical Fellow, Lockheed Martin Corporation

Judith delivered a keynote speech on Use of Ada in Lockheed Martin for Air Traffic Management and Beyond. US Federal Aviation Administration depends on large, complex highly available software systems to manage the vast National Airspace System (NAS). Ada is used extensively in the development of said systems. She specifically discussed the multi billion dollar En Route Automation Modernization ERAM program which will be backbone of US En Route Air Traffic Control Management.

Keynote Speaker Tucker Taft of SofCheck Technology

In his keynote address, Tucker Taft rationalized Why You Should Be Using Ada 2005 Now! Tucker led the Ada 9X language design team, culminating in 1995 approval of Ada 95 as the first ISO standardized object-oriented programming language.



Keynote Speaker Prof. Robert Dewar of AdaCore Technologies

In his keynote address Prof. Dewar talked about Ada 2005 and High Integrity Systems. He is co-founder, President and CEO of AdaCore and is a Professor of Computer Science at the Courant Institute of New York University. A talented public speaker, he is frequently invited to share his thoughts in public on computers and on open-source software.



American Native Indian Dance Group Performing during the Reception



Conference Registration Office



(L-R) Prof. Michael Feldman, Prof. Ricky Sward, Greg Gicca, David Harrison and Prof. Martin Carlisle