

SIGAda

The ACM Special Interest Group on Ada

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2003 SIGAda Awards – Awarded at SIGAda 2003, in San Diego, California on 10 December 2003

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:

- 1. Outstanding Ada Community Contribution Award –**
For broad, lasting contributions to Ada technology & usage.
- 2. ACM SIGAda Distinguished Service Award -**
For exceptional contributions to SIGAda activities & products

SIGAda awards, in the form of the statuette of Lady Lovelace, pictured on the right, are typically presented at the SIGAda conference each fall, 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 statement 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 2003 were presented at the SIGAda 2003 Conference on 10 December 2003 in San Diego, California.



The **Outstanding Ada Community Contribution Award for 2003** is awarded to **Dr. Michael González Harbour** of Spain.

- Michael González Harbour is a Professor in the Department of Electronics and Computers at the University of Cantabria, Spain. He works in schedulability analysis for distributed real-time systems. He is a co-author of "A Practitioner's Handbook on Real-Time Analysis". Professor Harbour is President of Ada-Spain, has been an Ada-Europe Board member (June 1997 - June 2001), Conference Chair 4th International Conference on Reliable Software Technologies (Ada-



ACM SIGAda
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Europe 1999), held in Santander, Spain, on 7-11 June 1999. He has written numerous papers for Ada-Europe, the International Real-Time Ada Workshop (IRTAW), Euromicro Conference on Real-Time Systems (ECRTS), and other conferences.

- Professor Harbour is an active member of the POSIX real-time working group. He is the Technical Editor of several IEEE POSIX standards. He is currently leading two projects related to real-time systems: MaRTE OS is an open source implementation of the minimum real-time POSIX operating system standard, intended for embedded applications; MAST is a modeling and analysis suite for real-time applications.
- He has made numerous contributions to Ada related technology. He has had and still has a great impact on the use of Ada in Spain and abroad, through the continued use of Ada in his many teaching and research activities. In projects with Equipos Nucleares, he participated in the development of controllers for 6 special robots designed to automate maintenance operations inside nuclear power stations. In projects with Electra de Viesgo S.A., he participated in the design and implementation of real-time distributed system for the supervision and control of networks for transportation and generation of electric power. The systems developed in these projects are currently in operation in some of the northern regions of Spain.
- Michael González Harbour has served the Ada community as a leader in real-time systems and is very deserving of the Outstanding Ada Community Contribution Award.

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

There are two recipients for the **ACM SIGAda Distinguished Service Award for 2003**, **Mr. Leslie Dupaix**, from the United States and **Dr. S. Ron Oliver**, also from the United States.

The Citation for **Mr. Leslie Dupaix** reads:

- Mr. Leslie Dupaix has been a major educational influence on Ada education over the past decade. He has been a key member of the Ada Software Engineering Education & Training (ASEET) Team. In this capacity he has been involved in educating countless engineers and managers on Ada and the benefits of Ada. Recently he has been active as a tutorial instructor, presenting an Ada 95 tutorial at SIGAda conferences as a volunteer. He has played an active role presenting a tutorial at each of the SIGAda conferences in the SIGAda recorded history. Leslie Dupaix has served the SIGAda community as a leader and SIGAda volunteer in Ada education and is very deserving of the ACM SIGAda Distinguished Service Award.

The Citation for **Dr. S. Ron Oliver** reads:

- From 1979 thru 1992, Dr. Ron Oliver served in various capacities as a volunteer leader in the Association for Computing Machinery. He was elected to a two-year term as Chair of the SIG Board in 1988. While serving on ACM Council in that capacity he chaired a committee that recommended and helped bring about substantial organizational reform for ACM. From 1990-92 Ron Oliver was the Vice President of ACM. During that period he assisted in implementing



ACM SIGAda
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organizational reforms and laid the ground work for ongoing improvements in the focus of the association. In particular, he continued to streamline the volunteer management structure.

- From 1986 thru 1990 Dr. Oliver served on the ACM Lectureship program, delivering lectures at more than 50 student and professional ACM chapters. His one-day Professional Development Seminar entitled *Myths and Realities of Object Oriented Technology* is specially remembered.
- Dr. Ron Oliver served as Vice Chair for Liaison for SIGAda, the ACM Special Interest Group on Ada from 1997 to 2001. An Ada advocate, he was a valuable member of the team that supported the Ada Booth Initiative to spread the Ada word at software engineering conferences. He was a volunteer for SIGAda conference activities and a volunteer tutorial instructor for the SIGAda conferences.
- Dr. S. Ron Oliver has served the SIGAda community as a leader in Ada Advocacy and as a key volunteer for many SIGAda conferences. He is very deserving of the ACM SIGAda Distinguished Service Award.

Mr. Leslie Dupaix and Dr. S. Ron Oliver join a very distinguished list of past award recipients that includes Brad Balfour, Benjamin Brosgol, Ed Colbert, Norman Cohen, Currie Colket, David Cook, Chuck Engle, Mike Feldman, Gerry Fisher, Anthony Gargaro, Mark Gerhardt, Hal Hart, David Harrison, Mike Kamrad, John McCormick, Thomas Panfil, Charlene Roberts-Hayden, Clyde Roby, Jean Sammet, SIGAda's Numerics Working Group (NUMWG), and SIGAda's Ada Semantic Interface Specification (ASIS) Working Group (ASISWG).

I would like to provide my special thanks to Dr. Michael González Harbour, Mr. Leslie Dupaix, and Dr. S. Ron Oliver for their many contributions to the Ada community. I would also like to thank the members of the SIGAda Award Committee, who made this possible: Mr. Hal Hart, Mr. Ed Colbert, Dr. Benjamin Brosgol, and Mr. Clyde Roby.

Sincerely yours,



Currie Colket
Chair ACM SIGAda



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SIGAda 2003 Outstanding Student Paper Award
Awarded at SIGAda 2003, in San Diego, California on 11 December 2003

Dear SIGAda Members:

ACM SIGAda has recently established the Outstanding Student Paper Award to encourage academic research in the Ada programming language and to recognize outstanding student contribution to the SIGAda Annual Conference. The award includes the coveted statuette of Ada and a check for \$ 500. We are pleased to announce the winner of the SIGAda 2003 Outstanding Student Paper Award as Mr. Eric Potratz for his paper titled: "A Comparison of Java to Ada in Implementing a Real-Time Embedded System." Eric is a under-graduate student at the University of Northern Iowa.

The picture below depicts Mr. Eric Potratz (center) receiving the award from Professor Michael Feldman (left), the SIGAda Education Working Group Chair. Mr. Potratz's advisor, Professor John McCormick from the Computer Science Department of the University of Northern Iowa is on the right.

I would like to provide my special thanks to Mr. Eric Potratz for an outstanding paper. I would also like to thank the SIGAda 2003 Program Committee for their work on this important award. We are planning to continue this award and present it at SIGAda 2004.

Sincerely yours,

William Currie Colket

Currie Colket
Chair ACM SIGAda



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