ACM SIGAda Distinguished Service Award

For exceptional contributions to SIGAda activities & products

30 Previous Recipients

Manager and Entrepreneur

• Worked with Ada in early 1990s in Control Data Corporation’s Federal Division

• Then as a trainer at his consulting company, Ada Solutions
An Active Individual

- Actively involved in both the Baltimore and DC Chapters of SIGAda
- Conference Committee / Local Arrangements for SIGAda 2000 in Baltimore
- Staffed the SIGAda Booth at trade shows at the Washington DC Convention Center in late 1990s to about 2002
An Active Individual

• Attended every SIGAda conference from 1998-2010
• Served as volunteer, handling registration desk duties and other behind-the-scenes work
• Although quiet, always willing to help in any way possible, often jointly with his wife Anne
An Active Individual

• Quietly performs essential functions – the “oil that keeps the wheels turning”
• His tireless devotion helped make SIGAda’s conferences over the years a success
• He passed away on 29 November 2011 and SIGAda lost a loyal and valued friend, contributing to the organization that he loved for almost 20 years
James C. “JC” Morrison

Leader of his own company, Ada Solutions; Registration Desk Volunteer; former officer of Baltimore SIGAda (Vice-Chair 1999-2000) and Secretary (2004-2011); quietly performing his “Ice Man” duties
ACM SIGAda Distinguished Service Award

31 Recipients

Brad Balfour
Michael Berman
Eugene Bingue
Benjamin Brosgold
Martin Carlisle
Norman Cohen
Ed Colbert
Currie Colket
David Cook
Leslie Dupaix
Chuck Engle
Mike Feldman
Gerry Fisher
Anthony Gargaro
Mark Gerhardt
Greg Gicca
David Harrison
Hal Hart
Mike Kamrad
Rush Kester
John McCormick
James C Morrison
S. Ron Oliver
Thomas Panfil
Charlene
Roberts-Hayden
Clyde Roby
Jean Sammet
Alok Srivastava
Rick Sward
SIGAda's Numerics Working Group

For exceptional contributions to SIGAda activities & products
Outstanding Ada Community Contribution Award

44 Previous Recipients

Peter Amey
Christine Anderson
Ted Baker
John Barnes
Grady Booch
Kenneth L. Bowles
Ben Brosigol
Randy Brukardt
Alan Burns
Martin Carlisle
Richard Conn
Dirk Craeynest
Robert Dewar
Robert Duff
David Emery
John Goodenough
Hal Hart
Matthew Heaney
Audrey Hook
Michael González
Harbour
Jean Ichbiah

Magnus Kempe
Pascal Leroy
Bob Mathis
Charles McKay
Jim Moore
John McCormick
Stephen Michell
Karl Nyberg
Pascal Obry
Emmett Paige, Jr.
Erhard Ploedereder
Richard Riehle
Jean-Pierre Rosen
Edmond Schonberg
Frank Singhoff
Alfred Strohmeier
Tucker Taft
Joyce Tokar
Tullio Vardanega
Andy Wellings
William Whitaker
GNAT Team
SPARK Team

For broad, lasting contributions to Ada technology & usage
An Active Individual

• An internationally recognized Ada expert with a long history of contributions to the Ada language and its infrastructure, in particular in the area of real-time embedded systems

• A founding member of the Ada Run-Time Environment Working Group (ARTEWG)

• Over the past 25 years has taught university and professional courses on Embedded/Real-Time Systems with Ada, Software Fault Tolerance, Hard Real-Time Schedulability Analysis, and Object-Oriented Programming with Ada
A Familiar Tutorial Contributor

- SIGAda 1999 “Real-Time Programming”
- SIGAda 2002 “Real-Time Programming”
- Ada Europe 2005 “Software Fault Tolerance”
- Ada Europe 2009 “Real-Time Programming” and “Software Fault Tolerance”
- SIGAda 2009 “Real-Time Programming”
- Ada Europe 2011 “Real-Time Programming”
Well Regarded Work

• Programming Real-time with Ada 2005, Embedded Systems Design (magazine)
• The Application of Compile-Time Reflection to Software Fault Tolerance using Ada 95
• OpenAda : Compile-Time Reflection for Ada 95
• Software Fault Tolerance, Reflection, and the Ada Programming Language
• State Restoration in Ada 95: A Portable Approach to Supporting Software Fault Tolerance
• An incremental recovery cache supporting software fault tolerance mechanisms
Active with NASA

• Played a key role in promoting Ada at NASA

• Served as Associate Director for Research at NASA’s Software Engineering Research Center where he was responsible for support of all NASA centers and contractors in the areas of Ada run-time systems and technology, host/target environment issues for real-time, space-based applications, and software engineering.

• He led research in distributed systems and in the development of parallel applications research for NASA applications and served as liaison with European partners in real-time schedulability analysis research.
Pat Rogers

A member of the senior technical staff at AdaCore where he delivers professional courses and is the principal developer of the GNATbench editor/toolset integrated with Eclipse and Wind River Systems’ Workbench for VxWorks
Outstanding Ada Community Contribution Award

45 Recipients

Peter Amey
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Frank Slinhoff
Alfred Strohmeier
Tucker Taft
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Tullio Vardanega
Andy Wellings
William Whitaker
GNAT Team
SPARK Team

For broad, lasting contributions to Ada technology & usage
But Wait... THERE'S MORE!

Billy Mays
1958 - 2009
Another Active Individual

- He has been and continues to be a technically active member of the real-time Ada community with special interest in distributed and parallel computing.
- He actively participates in multiple European projects, and presents and publishes about his research work in various international conferences and journals.
Well Regarded Work (2011)

- sMapReduce: A Programming Pattern for Wireless Sensor Networks
- Software transactional memory as a building block for parallel embedded real-time systems
- Revisiting Transactions in Ada
- Service offloading in Adaptive Real-Time Systems
- A Parallel Programming Model for Ada
- Combining RTSJ with Fork/Join: A Priority-based Model
- A Framework for Offloading Real-Time Applications in a Distributed Environment
Well Regarded Work (2012)

- A Feedback-based Decentralised Coordination Model for Distributed Open Real-Time Systems
- Parallel Real-time Support for Distributed Adaptive Embedded Applications
- A Framework for the Development of Parallel and Distributed Real-Time Embedded Systems
- Supporting Real-Time Parallel Task Models with Work-Stealing
- Real-Time Scheduling of Parallel Tasks in the Linux Kernel
- Server-based Scheduling of Parallel Real-Time Tasks
- Dynamic Global Scheduling of Parallel Real-Time Tasks
Active in the Ada Community

• Joined the Board of Ada-Europe in 2007
• Program co-chair of the Ada-Europe conference in Stockholm
• Established the record of the longest tenure as Editor-in-Chief of the Ada User Journal (21 issues since 2007), as part of which he created the on-line AUJ archive and consolidated the flow of contributions
• Organized the Ada-Europe conference in Porto
• Organized the International Real-Time Ada Workshop series in the wonderful location of Viana do Castelo
• Responsible for getting Portugal represented on the ISO working group on Ada (WG9)
Luis Miguel Pinho

Coordinator Professor at the Department of Computer Engineering - School of Engineering of the Polytechnic Institute of Porto, and Vice-Director and Research Associate at the CISTER research unit, where he currently leads the real-time software research line.
Outstanding Ada Community Contribution Award

46 Recipients

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