SIGAda Awards

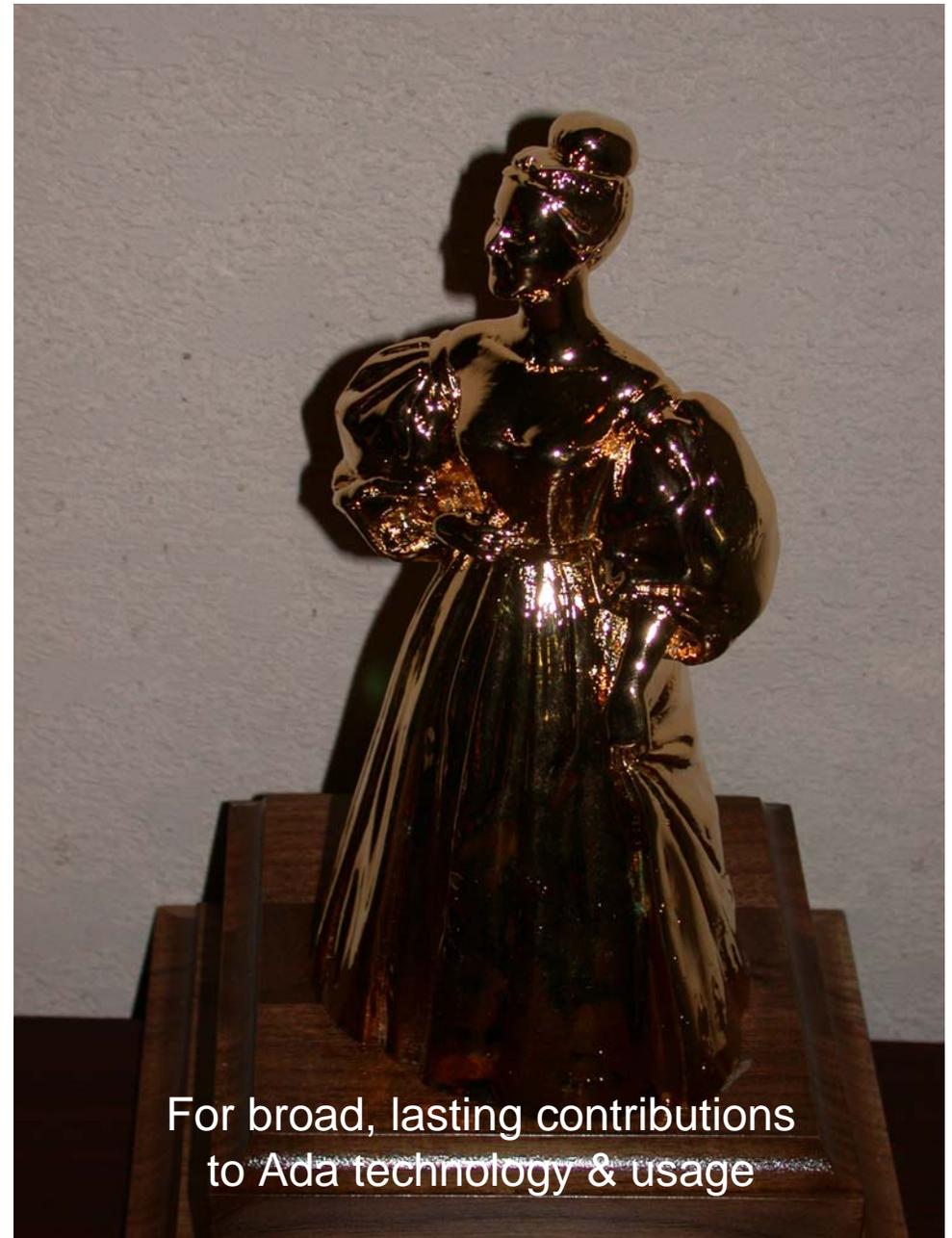# 2004

Outstanding Ada Community Contribution Award

30 Previous Recipients
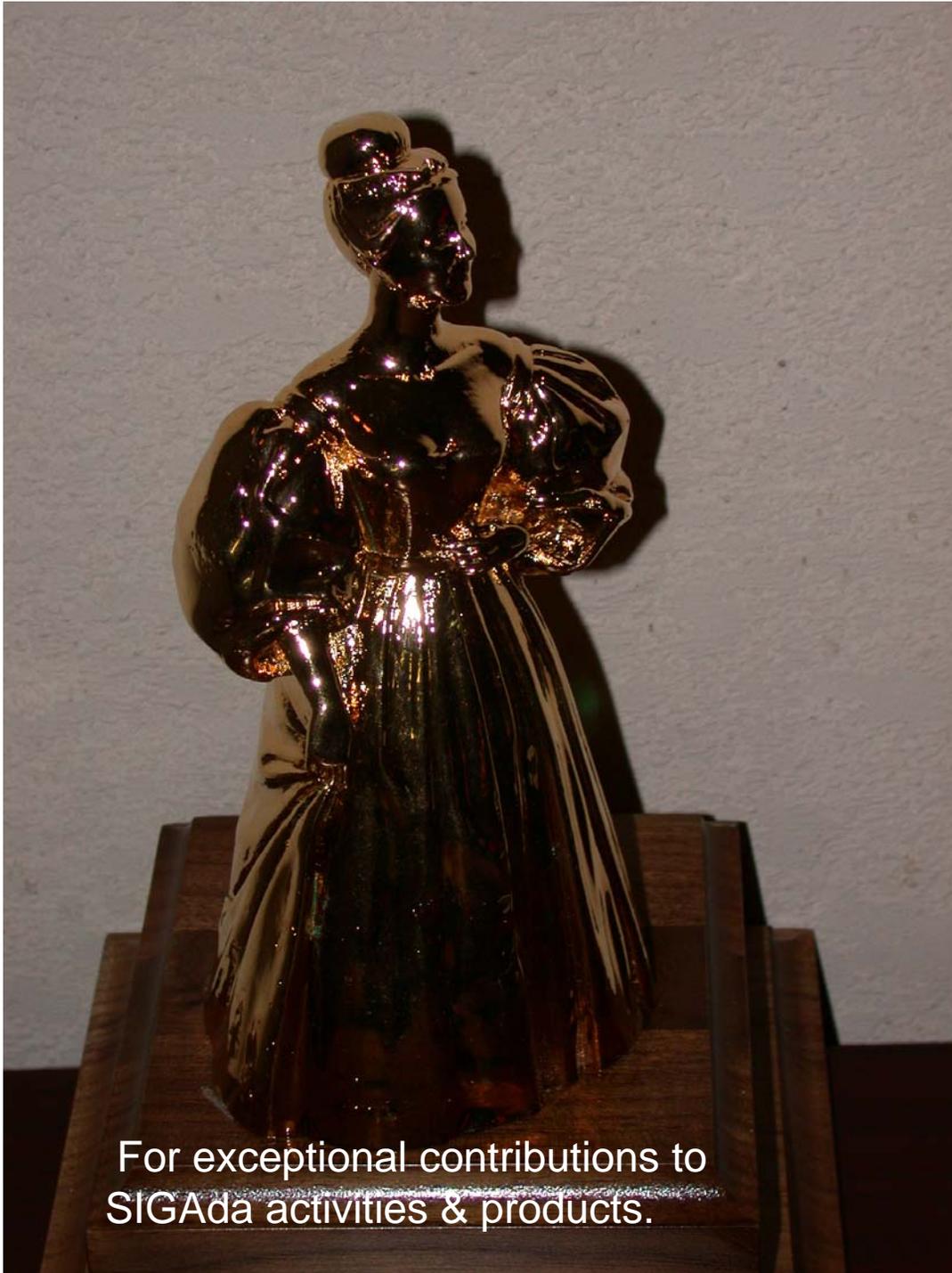
Christine Anderson
Ted Baker
John Barnes
Kenneth L. Bowles
Randy Brukardt
Alan Burns
Martin Carlisle
Richard Conn
Dirk Craeynest
Robert Dewar
Robert Duff
David Emery
John Goodenough
Michael González Harbour
Hal Hart
Audrey Hook
Jean Ichbiah
Magnus Kempe

Bob Mathis
Charles McKay
Jim Moore
Emmett Paige, Jr.
Erhard Ploedereder
Richard Riehle
Edmond Shonberg
Alfred Strohmeier
Tucker Taft
Joyce Tokar
Andy Wellings
William Whitaker

For broad, lasting contributions
to Ada technology & usage

The SPARK Team

- SPARK was developed at the University of Southampton in the 1980s, then by Program Validation Limited (PVL) which eventually became part of Praxis High Integrity Systems in 1995. The initial vision was almost absurdly bold – to develop a formally defined subset of Ada with a sound, complete verification environment that was usable on industrial-scale projects. The SPARK Team rose to this challenge, and their vision is still alive and well. In recent years, the SPARK Team has expanded the SPARK language and technology with SPARK95 and RavenSPARK. No other language (or subset thereof) has approached the level of rigor and depth of verification that can be achieved with SPARK, so it remains a jewel in Ada's crown.

- More recently, renewed concern over software safety and security has brought SPARK to a wider audience, bringing with it renewed interest in Ada. The academic community have also embraced SPARK in research and in teaching high-integrity software engineering. The SPARK team is noted for publishing world-class results on software engineering, and are well-known for the frequency and impact of their contributions, publications and presentations at conferences such as SIGAda, Ada Europe, SSTC and NSA HCSS.

- SPARK and Ada share a symbiotic relationship. SPARK could not exist without the firm foundation of Ada, while the success of SPARK supports the continued use and longevity of Ada.

- The SPARK Team has served the Ada community as a leader in high integrity systems using Ada and is very deserving of the Outstanding Ada Community Contribution Award. The SPARK Team includes individuals from many organizations over a span of nearly twenty years. The individual contributors are too numerous to mention and to single out any one would seem unfair, so this award is for the entire SPARK development team.

For exceptional contributions to SIGAda activities & products.

ACM SIGAda Distinguished Service Award

Brad Balfour
Benjamin Brosgol
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
John McCormick
S. Ron Oliver
Thomas Panfil
Charlene Roberts-Hayden
Clyde Roby
Jean Sammet
SIGAda's Numerics Working Group
SIGAda's ASIS Working Group

23 Previous Recipients

Martin A. Carlisle

- Dr. Martin C. Carlisle has served SIGAda as the Managing Editor of Ada Letters, SIGAda's quarterly newsletter from 1999 to 2004. Through his efforts, he has made Ada Letters a high quality publication and one that is of true value to the Ada Community. He implemented a policy that facilitates public awareness and public sharing of the contents of Ada Letters by making available all but the most recent issues freely available on line through the SIGAda Home Page. ACM is keenly concerned about the newsletters of Special Interests Groups (SIGs) being distributed on time. Failure to do so has serious repercussions with ACM. Dr. Carlisle has consistently submitted the newsletter to ACM on time doing his part to keep SIGAda viable. He has captured important papers, proceedings of the SIGAda Conferences and many of the International Working Groups.

- Dr. Carlisle has served SIGAda in a number of other important ways. One worth mentioning is his work with A#, a port of Ada 95 to the Microsoft .NET environment. He was instrumental in making this port not only viable, but also a useful teaching tool at the Air Force Academy. For the last couple of SIGAda conferences, he has volunteered to lead a tutorial describing how to program PDAs and .NET devices using Ada.

- Dr. Carlisle has served the SIGAda community as a leader and SIGAda volunteer and consequently is very deserving of the ACM SIGAda Distinguished Service Award.