Report from

The SIGAda

Awards Committee

2001 SIGAda AWARD WINNERS

Outstanding Ada Community Contributions	*SIGAda Distinguished Service Award*
Alan Burns *(University of York)* **Charles McKay** *(Univ. of Houston/Clear Lake)* **Alfred Strohmeier** *(Swiss Federal Institute of Technology in Lausanne)*	**Currie Colket** *(The MITRE Corporation)* **Clyde Roby** *(Institute for Defense Analysis)*

Past Winners (1994-2000)

Christine Anderson	Jean Ichbiah	Brad Balfour	Mike Kamrad
John Barnes	Magnus Kempe	Benjamin Brosgol	Charlene Roberts-Hayden
Ted Baker	Bob Mathis	Norman Cohen	
Kenneth L. Bowles	Jim Moore	Ed Colbert	SIGAda's ASIS WG *(Chaired by Currie Colket)*
Randy Brukardt	Emmett Paige, Jr.	Chuck Engle	
Richard Conn	Erhard Ploedereder	Mike Feldman	
Dirk Craeynest	Richard Riehle	Gerry Fisher	
Robert Dewar	Edmond Shonberg	Anthony Gargaro	SIGAda's Numerics Working Group *(Chaired by Gil Myers)*
Dave Emery	Tucker Taft	Mark Gerhardt	
John Goodenough	Joyce Tokar	David Harrison	
Audrey Hook	William Whitaker	Hal Hart	

It was my pleasure to honor *Alan Burns, Currie Colket*, *Charles McKay, Clyde Roby,* and *Alfred Strohmeier* at our SIGAda 2001 conference in Minnesota last October as the eighth class of SIGAda Award winners. This continues a SIGAda tradition — annual awards that are recognized as the most prestigious in the Ada community. SIGAda has two categories of competed awards: (1) **Outstanding Ada Community Contributions**, recognizing broad, lasting contributions to the overall state of Ada technology and usage, and (2) **ACM SIGAda Distinguished Service Award,** recognizing exceptional "volunteer" contributions to SIGAda activities and products.

Each award winner has made multiple distinguished contributions in the Ada community or SIGAda. In some of 2001's cases, their contributions fit both award categories but it was generally clear for which award they should be honored. Some of their highlight accomplishments are summarized below, based on citations from their nominations.

Alan Burns: Dr. Burns has long been a central figure in the area of real-time software and real-time languages in general, and real-time Ada software in particular. Together with Andy Wellings he has authored the definitive work "Concurrency in Ada," with a second edition based on Ada 95. Also, Dr. Burns plays a leading role in the ongoing work on Ada real-time features and in the series of real-time Ada workshops that have been a constant hallmark of the Ada community since the 1980's. For lasting contributions with critical impact to Ada technology and the international Ada community, it is my great pleasure to recognize Alan Burns as recipient of a *2001* SIGAda Award for *Outstanding Ada Community Contributions!*

Currie Colket: Since the late 1980's when he was serving as the Navy Deputy to the Ada Joint Program Office (and serving as a sponsor of important international Ada cooperative endeavors such as KIT/KITIA and NATO PICS), Currie Colket has recognized, capitalized upon, and contributed to the strength of SIGAda as an agent for impacting the advance of Ada technology. He found a home in SIGAda for his own personal Ada technology interest, the Ada Semantic Interface Specification (ASIS) and its international standardization effort, by founding and chairing SIGAda's ASIS Working Group, which became one of SIGAda's most successful working groups ever, culminating in ISO standardization of ASIS. As ASIS WG activities wound down, Currie was already supplying his volunteer efforts increasingly to other areas of SIGAda, resulting in his election as SIGAda Vice Chair for Conferences and Meetings in 1997 *(a period when his energies and ideas helped turn around shaky SIGAda conference finances!)* and his election as SIGAda Chair in 2001.   Always exhibiting an upbeat, optimistic, cheerful style in his SIGAda volunteer and leadership activities that have positively affected other SIGAda members and helped keep SIGAda vibrant, Currie is the first sitting SIGAda Chair to be personally recognized with a SIGAda award *(his ASIS WG won one in 1999).*   I am therefore very pleased to honor my good friend Currie Colket with a *2001 SIGAda Distinguished Service Award!*

Charles McKay: It is only the mildest of exaggerations to say that Charles McKay is single-handedly responsible for the use of Ada on the most highly visible, universally cited Ada application: the International Space Station. Obviously NASA personnel were involved, but Dr. McKay introduced the language and technology to NASA and tirelessly educated the NASA/JSC (Johnson Space Center) government-contractor community. Years before the language was an ANSI standard he was promoting Ada's use, frequently

in the face of considerable skepticism before Ada success stories abounded. For nearly two decades, Dr. McKay has presented seminars and tutorials on the use of advanced software engineering technologies within an Ada context, and is recognized internationally for these efforts. Furthermore he was a key factor in the early success of the local Clear Lake SIGAda by his strong support and advocacy to the contractor community. In short, for his two decades of energetic, passionate leadership and participation in many Ada endeavors of critical value for the Ada community, I am very pleased to personally recognize our distinguished colleague, and my friend from the early 1980's, Charles McKay with what I regard as a long-overdue *2001 SIGAda Award for Outstanding Ada Community Contributions!*

Clyde Roby: Clyde Roby is one of those often behind-the-scenes volunteers without whom volunteer groups would not accomplish much, and who often contribute more than the more visible leadership. From my personal experience, I knew Clyde when he was book-bossing standards activities such as KIT/KITIA's CAIS and NATO's PCIS requirements, before he served a similar role for the ASIS Working Group within SIGAda. An early, effective exploiter of internet technology for facilitation of distributed international endeavors, Clyde is now regarded by many as the *webmaster for the Ada community,* given his successful efforts creating websites and using them for information exchange and geographically distributed collaborative purposes for WG-9, ASIS, SIGAda's website, and now for SIGAda conferences and our finally on-CD conference proceedings.   In 2001 Clyde was elected Secretary/webmaster of SIGAda, recognizing his obvious talents for this job. For these and other tireless, innovative efforts on behalf of SIGAda I am very pleased to honor another long-time good friend Clyde Roby with a *2001 SIGAda Distinguished Service Award!*

Alfred Strohmeier: Prof. Strohmeier has been a tireless promoter of Ada in general and object-orientation and Ada in particular. He has been a Distinguished Reviewer of the Ada language revision since 1992 and a leader in the development of the Ada Semantic Interface Specification (ASIS) and the implementation of ASIS for GNAT, in addition to other recognized contributions to Ada technology. Dr. Strohmeier also has been highly active in Ada Switzerland and Ada Europe.   He was responsible for a major revamp of the Ada Europe conference series and is credited with much of that conference's continuing success, and has been a regular lecturer at both Ada Europe and SIGAda's annual conferences.   For these and other broad endeavors on behalf of the Ada community, I am very pleased to honor another friend, Alfred Strohmeier, with a *2001 SIGAda Award for Outstanding Ada Community Contributions!*

2002 SIGAda Awards Nominations Now Open: Many important contributors to SIGAda and the state of Ada technology remain to be honored in the future. There have been dozens of "losing" nominations since we started the SIGAda Awards program in 1994, most of whom deserve consideration again in the future, in addition to new nominations. SIGAda intends to make at least one award in each category annually. To make a nomination, visit SIGAda's web page *(http://www.acm.org/sigada/)* and look under "Awards" or send an email message *(please put nominee's name in the Subject field)* to the SIGAda Awards Committee at ***SIGAda-Awards@ACM.ORG*** or go the old-fashioned route and use the paper form on the next page.

ACM/SIGAda Awards Program
<u>Nomination Form</u>

*2002 SIGAda Awards Nominations, for awards to be recognized at
SIGAda 2002 in December, are due <u>1 November 2002</u>.*

Name of Nominee:

Category of Nomination: *(circle one)*

  (1) Outstanding Ada community accomplishments

  (2) Distinguished Service as a SIGAda volunteer or leader

Address or Employer of Nominee (if known):

Accomplishments Supporting this Nomination: *(attach separate sheets if
needed)* Note: Please be thorough in your descriptions because the Awards Committee will use these
narratives as the primary basis for selection.

**Affiliation(s) and position at time when primary accomplishments were achieved (if
known):**

Name of SIGAda member submitting nomination:

Address/Phone/e-mail of member submitting nomination:

Mail this form to: *SIGAda Program Director, c/o ACM, 1515 Broadway-17th Floor, New York, NY 10036*
or **email** the requested information to:*SIGAda-Awards@ACM.ORG* (subject field = nominee's name)
   or **submit via form on SIGAda Awards Web Page**: *http://www.acm.org/sigada/awards*