

## Editorial Policy (from Martin Carlisle, Managing Editor)

As the editor of Ada Letters, I'd like to thank you for your continued support of ACM SIGAda, and encourage you to submit articles for publication. In addition, if there is some way we can make Ada Letters more useful to you, please let me know. Note that Ada Letters is now on the web! See [http://www.acm.org/sigada/ada\\_letters/index.html](http://www.acm.org/sigada/ada_letters/index.html). The newest two issues are available only to SIGAda members. Older issues beginning March 2000 are available to all.

Now that Ada is standing on its own merits without the support of the DoD, lots of people and organizations have stepped up to provide new tools, mechanisms for compiler validation/assessment, and standards (especially ASIS). Ada Letters is a venue for you to share your successes and ideas with others in the Ada community—be sure to take advantage of it so that we can all benefit from each other's learning and experience.

Ada Letters is published four times a year, with the exception of special issues. Submission deadlines for all material are as follows:

Deadline	Issue	Deadline	Issue
December 1	January/February/March	June 1	July/August/September
March 1	April/May/June	September 1	October/November/December

### Guidelines for Authors

Letters, announcements and book reviews should be sent directly to the Managing Editor by the deadline, and will normally appear in the issue corresponding to that deadline.

Proposed articles are to be submitted to the Technical Editor. Any article will be considered for publication, provided that topic is of interest to the SIGAda membership. Previously published articles are welcome, provided the previous publisher or copyright holder grants permission. In particular, keeping with the theme of recent SIGAda conferences, we are particularly interested in submissions that demonstrate that "Ada Works." For example, a description of how Ada helped you with a particular project, or a description of how to solve a task in Ada are suitable.

Although Ada Letters is not a refereed publication, acceptance is subject to the review and discretion of the Technical Editor. In order to appear in a particular issue, articles must be submitted far enough in advance of the deadline to allow for review/edit cycles. Backlogs may result in an article's being delayed for two or more issues. Contact the Managing Editor for information on the current publishing queue.

Articles should be submitted electronically in one of the following formats: MS Word (preferred), Postscript, or Adobe Acrobat. All submissions must be formatted for US Letter paper (8.5" x 11") with one inch margins on each side (for a total print area of 6.5" x 9") with no page numbers, headers or footers. Full justification of text is preferred, with proportional font (preferably Times New Roman, or equivalent) of no less than 10 points. Code insertions should be presented in a non-proportional font such as Courier.

The title should be centered, followed by author information (also centered). The author's name, organization name and address, telephone number, and e-mail address should be given. For previously published articles, please give an introductory statement (in a distinctive font) or a footnote on the first page identifying the previous publication.

ACM is improving member services by creating an electronic library of all of its publications. Read the following for how this affects your submissions.

**Notice to Contributing Authors to SIG Newsletters:**

By submitting your article for distribution in this Special Interest Group publication, you hereby grant to ACM the following non-exclusive, perpetual, worldwide rights:

- to publish in print on condition of acceptance by the editor
- to digitize and post your article in the electronic version of this publication
- to include the article in the ACM Digital Library
- to allow users to copy and distribute the article for noncommercial, educational or research purposes

However, as a contributing author, you retain copyright to your article and ACM will make every effort to refer requests for commercial use directly to you.

**Notice to Past Authors of ACM-Published Articles**

ACM intends to create a complete electronic archive of all articles and/or other material previously published by ACM. If you have written a work that has been previously published by ACM in any journal or conference proceedings prior to 1978, or any SIG Newsletter at any time, and you do NOT want this work to appear in the ACM Digital Library, please inform [permissions@acm.org](mailto:permissions@acm.org), stating the title of the work, the author(s), and where and when published.

**Back Issues**

Back issues of Ada Letters can be ordered at the price of \$6.00 per issue for ACM or SIGAda members; and \$9.00 per issue for non-ACM members. Information on availability, contact the ACM Order Department at 1-800-342-6626 or 410-528-4261. Checks and credit cards only are accepted and payment must be enclosed with the order. Specify volume and issue number as well as date of publication. Orders must be sent to:

ACM Order Department, P.O. Box 12114, Church Street Station, New York, NY 10257 or via FAX: 301-528-8550.

## KEY CONTACTS

### Technical Editor

*Send your book reviews, letters, and articles to:*

Pat Rogers  
Software Arts & Sciences  
Box 891591  
Houston, TX 77289-1591  
+1-281-648-3165  
progers@classwide.com

### Managing Editor

*Send announcements and short notices to:*

Martin C. Carlisle  
HQ USAFA/DFCS  
2354 Fairchild Dr., Suite 6K41  
US Air Force Academy, CO 80840-6234  
+1-719-333-7623  
carlisle@acm.org

### Advertising

*Send advertisements to:*

Lynne Lancaster, Manager  
Ted Mainwaring, Coordinator  
ACM, 1515 Broadway  
New York, NY 10036  
+1-212-626-0687  
Fax: +1-212-869-0481

### LOCAL SIGAdas

*Send Local SIGAda address changes to:*

Ann Brandon  
Onyons, Inc.  
P.O. Box 294  
Randolph Center, VT 05061  
USA  
+1-802-728-9947  
abrandon@sover.net

### Ada Events

*Send Meeting and Conference Info to:*

Kathleen Guroy  
Software Compositions  
P.O. Box 510477  
Melbourne Beach, FL 32951-0477  
4-407-952-0430  
Fax: +1-407-952-7716  
swcinfo@aol.com

### Ada CASE and Design Language Developers Matrix

*Send ADL and CASE product Info to:*

Judy Kerner  
The Aerospace Corporation  
Mail Stop M8/117  
P.O. Box 92957  
Los Angeles, CA 90009  
+1-310-336-3131  
kerner@aero.org

### Ada Around the World

*Send Foreign Ada organization info to:*

Karlotto Mangold  
c/o ATM Computer GmbH  
Max Stromeyer Str. 160  
D 78467 Konstanz Germany  
+49-7531-86-4235  
Fax: +49-7531-86-4363  
mangold@atm-computer.de

### Reusable Software Components

*Send info on reusable software to:*

Trudy Levine  
Computer Science Department  
Fairleigh Dickinson University  
Teaneck, NJ 07666  
+1-201-692-2000  
levine@alpha.fdu.edu

## SIGAda Working Group Chairs

### Ada Bindings WG

Bill Loftus  
WPL Laboratories, Inc.  
Whitehall Offices, Suite 6  
410 Lancaster Avenue  
Haverford, PA 19041  
215-658-2362  
Fax: 215-658-2361  
loftusw @ source.asset.com

### Ada Semantic Interface Specification WG

The MITRE Corporation  
1820 Dolley Madison Boulevard  
McLean, Virginia 22102-3481  
703-883-7381  
Fax: 703-883-1339  
colket@mitre.org, colket@acm.org

### Artificial Intelligence WG

Jorge L. Diaz-Herrera  
Software Engineering Institute, MSE  
Program  
Carnegie Mellon University  
4500 Fifth Ave.  
Pittsburgh, PA 15213-3890  
412-268-7636  
jldh @ sei.cmu.edu

### Commercial Ada Users WG

Ann Eustice Brandon  
Ada Information Clearing House  
RD1, Box 453  
South Randolph Road  
Randolph Center, VT 05061  
802-728-9947  
Fax: 802-727-4795 (call first)  
eusticea@sw-eng.falls-church.va.us

### Education WG

Mike Feldman  
Dept. of Electrical Engineering and  
Computer Science  
The George Washington University  
Washington, DC 20052  
202-994-5253  
Fax: 202-994-0227  
mfeldman @ seas.gwu.edu

### Numerics WG

Gil Myers  
Naval Ocean Systems Center  
NCCOSC RDTE DIV  
Code 4102  
53140 Gatchell Road  
San Diego, CA 92152-7440  
619-553-4136  
Fax: 619-553-5799  
gmyers @ nosc.mil

### Object-Oriented WG

Dave Brookman  
E-Systems  
P.O. Box 41241  
St. Petersburg, FL 33743  
813-381-2000 ext. 2678  
brookman @eci-cec.com

### Reuse WG

Harry Joiner  
System Resources Corporation  
128 Wheeler Rd.  
Burlington, MA 01803  
617-270-9228  
Fax: 617-272-2589  
hjoiner@world.std.com

### Software Development Standards and Ada WG

Lewis Gray  
Ada PROS, Inc.  
12224 Grassy Hill Court  
Fairfax, VA 22033-2819  
703-591-5247  
SDSAWG @ acm.org

## **SIGAda Working Group Chairs (continued)**

### **Standards WG**

Robert Dewar  
73 5th Ave.  
New York, NY 10003  
212-741-0957  
Fax: 232-242-3722  
dewar@cs.nyu.edu

### **Safety & Security WG**

George Romanski  
Aonix  
200 Wheeler Road  
Burlington, MA 01803  
+1-781-221-7347  
Fax: +1-781-270-6882  
romanski @ aonix.com

(additional working groups to be added)

## Local SIGAda Chapters

*Note: send all changes of address or contact to S. Ron Oliver, Vice-Chair for Liaison (see "Key Contacts" section for address).*

### **Baltimore SIGAda**

Maynard G. Prjestman, Jr., Chair  
726 Hyde Park Drive  
Glen Burnie, MD 21061  
Office (410) 765-6641  
Home (410) 969-2995  
FAX (410) 993-2582  
E-mail: maynardp@charm.net  
List server: sigada@aurora.jhuapl.edu

### **Bay Area SIGAda**

Greg Downing, Chair  
PO Box 360228  
Milpitas CA 95036-0228  
E-mail: gdowning@acm.org

### **Chicago TACAda**

Fred Francl, Chair  
C/O Fred Francl Enterprises, Inc.  
1 S. 370 Pine View  
Lombard, IL 60148  
Office (708) 627-8098  
FAX (708) 627-3812  
E-mail: ffrancl@interaccess.com

### **China Lake SIGAda**

John Hammack, Chair  
211 W. Vanessa  
Ridgecrest, CA 93555  
Office (619) 939-0671  
FAX (619) 939-6700  
E-mail: tom.roseman@chinalake.navy.mil

### **Clear Lake SIGAda (Houston)**

Pat Rogers, Chair  
C/O Software Arts & Sciences  
PO Box 891591  
Houston, TX 77289-1591  
Office (713) 996-5664  
E-mail: progers@acm.org  
<http://ricis.cl.uh.edu/acm/clas>

### **Dallas/Ft. Worth SIGAda**

Kim Cady  
Chair  
C/O Loral Vought Systems  
MS: SP-52  
P.O. Box 650003  
Dallas, TX 75265-0003  
Office (214) 603-7348

### **Delaware Valley SIGAda**

William Loftus, Chair  
c/o WPL Laboratories, Inc.  
Whitehall Offices, Suite 6  
410 Lancaster Ave.  
Haverford, PA 19041  
Office#1 (610) 658-2362  
Office#2 (610) 658-2364  
FAX (610)658-2361  
E-mail: wpl@wpllabs.com

### **Ft. Wayne SIGAda**

Eagle Lindsey, Chair  
C/O Magnovox  
MS: 10-06  
1313 Production Drive  
Ft Wayne, IN 46808  
Office (219)429-4104  
FAX (219)429-5194  
E-mail: elands@most.fw.hac.com

### **Huachuca SIGAda**

Nick Sizemore, Chair  
880 Charles Drive  
Sierra Vista, AZ 85635  
Office (520)458-7708  
E-mail: SizemorN@SAIC.HQISEC.ARMY.MIL

### **Huntsville SIGAda**

Jeff Grubbs, Chair  
c/o Hughes Aircraft Company  
670 Discovery Drive  
Huntsville, AL 35806  
Office (205)971-2413  
FAX (205) 971-2303  
E-mail: grubbs@ha.hac.com  
<http://www.hsv.tis.net/~sigada>

### **Japan SIGAda**

Jun Shimura, Chair  
C/O Alsys-KKE Co., Ltd.  
Technowave 100  
1-1-25 Shin-Urashima-Cho  
Kanagawa-ku, Yokohama 221  
Japan  
Office [81] (45)451-2412  
FAX [81] (45)451-2419  
E-mail: js@alsys-kke.co.jp

## Local SIGAda Chapters (continued)

### Jersey Shore SIGAda

Tom Walsh, Chair  
c/o The MITRE Corporation  
145 Wychoft Road  
Eatontown, NJ 07724  
Office (908) 389-6721  
FAX (908) 542-3679  
E-mail: walsh@mitre.org

### Los Angeles SIGAda

Ed Manderfield, Chair  
(Hal Hart, Vchair)  
E-mail: EMandy01@aol.com

### New York Southern Tier SIGAda

Leslie C. Lander, Chair  
Computer Science Department  
State University Of New York  
PO Box 6000  
Binghamton, NY 13902-6000  
Office (607) 777-2309  
FAX (607) 777-4822  
E-mail: lander@bingamsuns.cc.binghamton.edu

### Phoenix SIGAda

Joe Wisniewski, Chair  
C/O Commercial Software Solutions, Ltd.  
4403 W. Chamaf  
Glendale, AZ 85310  
Home (602) 780-8549  
FAX (602) 582-2441  
E-mail: wisniew@primenet.com

### Rio Grande SIGAda

Sue Spaven, Chair  
C/O Sandia National Labs  
Department 9418  
MS: 0977  
Albuquerque, NM 87185  
Office (505) 844-0907  
FAX (505) 844-2057  
E-mail: smspave@sandia.gov

### San Diego SIGAda

Robert C. Leif, Ph.D., PMIAC, Chair  
Vice President & Research Director  
Ada\_Med, a Division of Newport Instruments  
San Diego, CA  
Tel & FAX (619) 582-0437  
E-mail: rleif@rleif.com

### Space Coast SIGAda

Julia Washam, Chair  
373 Cannel Drive  
Melbourne, FL 32940  
Office (407) 635-2439  
Home (407) 253-1757  
FAX (407) 253-8257  
E-mail: jwasham@digital.com

### Sunbelt SIGAda

Jag Sodhi, Chair  
U.S. Army Software Engineering Direc.  
Fire Support Software Engineering Division  
AMSEL-RD-SE-SY-FS  
Fort Sill, OK 73503-6600  
Office (405) 442-6752  
FAX (405) 248-8661  
DCTN 639-6752  
sodhij0%alv6220%mr@sed.monmouth.army.mil

### Twin Cities SIGAda

Paul Stachour, Chair  
9532 First Avenue South  
Bloomington, MN 55420  
E-mail: stachour@winternet.com  
<http://www.winternet.com/~stachour/ada/tcacmsigada.html>  
Office (612) 884-5977  
FAX

### Washington D.C. SIGAda

Chad Bremmon, Chair  
3713 Heather Court  
Alexandria, VA 22310  
Office (703) 324-2423  
E-mail: Bremmon@acm.org

## Ada Around the World (National Ada Organizations)

From: <http://www.ada-europe.org/members.html>

### Ada-Europe Secretary General

Erhard Plödereder  
University of Stuttgart  
Institute for Computer Science  
Breitwiesenstr. 20-22  
D-70565 Stuttgart  
Germany  
Ph: +49-711-7816-322  
Fax: +49-711-7816-380  
e-mail : ploedere@informatik.uni-stuttgart.de  
<http://www.ada-europe.org/>

### Ada-Belgium

Dirk Craeynest  
c/o OFFIS nv/sa  
Weiveldlaan 41/B32  
1930 Zaventem  
Belgium  
Phone : +32-2-725 40 25  
Fax : +32-2-725 40 12  
e-mail : Dirk.Craeynest@offis.be  
<http://www.cs.kuleuven.ac.be/~dirk/ada-belgium>

### Ada in Denmark

Jorgen Bundgaard  
c/o DDC-I  
Gl. Lundtoftevej 1B  
2800 Lyngby  
Denmark  
Phone : +45-45-87 11 44  
Fax : +45-45-87 22 17  
e-mail : jb@ddci.dk

### Ada-Deutschland

Dr. Peter Dencker  
Aonix GmbH  
Durlacher Allee 95  
76137 Karlsruhe  
Germany  
Phone : +49-721-986 53-22 (mobile: +49-172-9509944)  
Fax : +49-721-986 53-98  
e-mail : dencker@aonix.de  
<http://ada-deutschland.de/>

### Ada-France

Fabrice Kordon  
Laboratoire d'Informatique de Paris 6  
Thèse Systèmes Répartis et Coopératifs  
Université P. & M. Curie

8 rue du Capitaine Scott  
75015 Paris Cedex 05  
France  
Phone : +33-1-44 27 61 89  
Fax : +33-1-44 27 62 86  
e-mail : bureau@ada-france.org  
<http://www.ada-france.org/>

### Ada Spain

Francisco Perez Zarza  
P.O. Box 50.403  
28080 Madrid  
Spain  
Phone : +34-1-627 82 47  
Fax : +34-1-309 36 85  
e-mail : fperez@tor.indra.es  
<http://www.adaspain.org/>

### Ada in Sweden

c/o Mariadata  
Box 1085  
SE-141 22 Huddinge  
Sweden  
Phone : +46 08 779 88 30  
Fax : +46 08 774 37 93  
email : info@ada-i-sverige.se  
<http://www.ada-i-sverige.se/>

### Ada in Switzerland

attn. Alfred Strohmeier  
Software Engineering Laboratory  
Swiss Federal Institute of Technology Lausanne  
CH-1015 Lausanne EPFL  
Switzerland  
Phone: +41-21-693 42 31  
Fax: +41-21-693 50 79  
e-mail: Alfred.strohmeier@epfl.ch  
<http://lglwww.epfl.ch/Ada-in-Switzerland>

### Ada Language UK Ltd

P.O. Box 322  
York, YO10 3GY  
United Kingdom  
Phone : +44-19 04-41 27 40  
Fax : +44-19 04-42 67 02  
e-mail : admin@adauk.org.uk  
<http://www.adauk.org.uk/>

In **Italy**, contact panaroni@roma.intecs.it