

# From the Editor's Desk

*Alok Srivastava*

Welcome to this issue of Ada Letters. In this release Judith Klein and Drasko Sotirovski in their paper entitled "Publisher Framework" describe the use of the Framework model in building distributed fault tolerant systems while keeping application code size and complexity down. Initial discussions on this model were presented in the Ada Europe 2006 Conference in Porto, Portugal. Claude Kaiser, Jean-François Pradat-Peyre, Sami Évangelista, and Pierre Rousseau have defined in their paper entitled "Comparing Java, C# and Ada Monitors queuing policies: a case study and its Ada refinement" that learning concurrency paradigms are necessary but are not sufficient since the choice of run-time semantics may introduce subtle programming errors. The paper exemplifies the importance of process queuing and awaking policies resulting from possible choices of the monitor concept implementation. Regular Ada Letters contributor, Trudy Levine provided an update on reusable components.

Real Time Ada Issues, describe details on Ada Issue 354 Group Execution-Time Budgets, Ada Issue 355 Priority Specific Dispatching including Round Robin, Ada Issue 357 Support for Deadlines and Earliest Deadline First Scheduling and Ada Issue 394 Redundant Restriction Identifiers and completing Ravenscar definition, have been published. Ada Issues are developed by the ISO/IEC JTC1/SC22/WG9 Ada Rapporteur Group (ARG) in response to comments on the Ada standard (and related standards) from the general public. These comments usually concern possible errors in the standard. More details on the Ada Issues and other useful Ada related information could be found at <http://www.ada-auth.org/>.

Of interest to all Ada users and enthusiasts is the new revision to the Ada language, Ada 2005. Inside you'll find information on SIGAda 2006 (November 12-16 in Albuquerque, NM) and 12th International Conference on Reliable Software Technologies – Ada-Europe 2007 (5-29 June 2007) Geneva, Switzerland. These conferences will be great opportunities to learn more about what is in the new revision of the Ada language, and how implementations of Ada 2005 are accomplished, as well as other research and industry uses of Ada. March 2006 saw the welcome return of an Ada event in the UK. The Ada Conference UK 2006, operated by the Centre for Software Reliability (CSR) in collaboration with the Safety-Critical Systems Club, took place this year on 28 March in Manchester UK.

Ada Letters would be a great place to submit articles on your experiences with the language revision, tips on how to do things with the new language features, as well as to describe success stories using Ada. We'll look forward to your submission. You can submit either a MS Word or Adobe PDF file (with 1" margins and no page numbers) to our technical editor:

Pat Rogers, Ph.D.  
AdaCore, 207 Charleston, Friendswood, TX 77546 (USA)  
+1 281 648 3165, [rogers@adacore.com](mailto:rogers@adacore.com)

We look forward to hearing from you!  
Alok Srivastava, Ph.D.  
Air Traffic Control Systems Development  
Northrop Grumman  
475 School St, SW; Washington, DC 20024 (USA)  
+1 202 314 1419 [Alok.Srivastava@AUATAC.Com](mailto:Alok.Srivastava@AUATAC.Com)

## Editorial Policy (from Alok Srivastava, 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 two newest 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). The Ada 2005 language version is fulfilling the market demand of robust safety and security elements and thereby generating a new enthusiasm into the software development. 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.

As some of the other ACM Special Interest Group periodicals have moved, Ada Letters also transitioned from quarterly to a **tri-annual publication**. With exception of special issues, Ada Letters now is going to be published three times a year, with the exception of special issues. The revised schedules and submission deadlines are as follows:

Deadline	Issue	Deadline	Issue
October 1 <sup>st</sup> , 06	December 2006	February 1 <sup>st</sup> , 07	April 2007
June 1 <sup>st</sup> , 07	August 2007	October 1 <sup>st</sup> , 07	December 2007

**Please send your article to Dr. Pat Rogers at [rogers@adacore.com](mailto:rogers@adacore.com)**

### Guidelines for Authors

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

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 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.







