

## From the Editor's Desk

*Alok Srivastava*

Welcome to this issue of Ada Letters. In this issue you will find details on the successful SIGAda 2008 annual conference which also celebrated the 30<sup>th</sup> anniversary of Steelman and the 25th anniversary of the Ada 83 standard.

An interesting paper "System Level Hardware Design and Simulation with System Ada" by Negin Mahani, Parnian Mokri, Zainalabedin Navabi, is underlining the Ada research in Asia. Regular Ada Letters contributor, Trudy Levine provided an update on reusable Ada software components. Technical Editor Pat Rogers has compiled another list of selected AdaCore developed Ada 2005 Gems published in this issue.

Inside you'll find information on SIGAda 2009 Conference on Ada and Related Technologies: Engineering Safe, Secure, and Reliable Software to be held from November 1-5 at Tampa Bay, Florida and 14th International Conference on Reliable Software Technologies - Ada-Europe 2009 from June 8-12 at Telecom Bretagne, Brest, France. 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 2009 brought another successful Ada Conference "The Ada Conference UK 2009", organized to promote awareness of the Ada programming language and to highlight the increased relevance of Ada in safety- and security-critical programming.

In mid-February, I was invited to give a talk on Software Assurance and Languages for High Reliability Safety-Critical Systems at the International Power Generation Conference held in New Delhi, India. The event was inaugurated by India's Power Minister Mr. Shinde and hosted by India's largest power generation corporation. Commerce and Industry Minister Mr. Jairam Ramesh who is a graduate of Carnegie Mellon and MIT also attended the conference. India is making huge investments in nuclear power generation thereby providing enormous opportunities in development of highly reliable, secure and safety critical systems. To further promote Ada, I participated in the ACM sponsored 2nd India Software Engineering Conference (ISEC) at Pune, India, held in the third week of Feb. I met top managers of large India based IT companies such as Wipro, Tata Consulting Services (TCS), InfoSys and computer science faculties of IITs specially IIT Kanpur, University of Delhi and All India Institute of Medical Sciences etc. I also had fruitful discussions with Computer Society of India (CSI) Officers to mutually promote ACM, SIGAda and CSI. Year 2010 ISEC will be held in Mysore near Bangalore, India. The organizers are looking for Ada experts to conduct Tutorials and Workshop on Safety Critical Systems at the conference.

Ada Letters is 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:

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We look forward to hearing from you!

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## 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:

<b>Deadline</b>	<b>Issue</b>	<b>Deadline</b>	<b>Issue</b>
June 1 <sup>st</sup> , 09	August 2009	October 1 <sup>st</sup> , 09	December 2009
February 1 <sup>st</sup> , 10	April 2010	June 1 <sup>st</sup> , 10	August 2010

**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.

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.

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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:

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