

2007 CALL FOR PAPERS & TUTORIALS

The International Symposium on Product Quality & Integrity

Web: <http://www.rams.org>

January 22 - 25

Shingle Creek Resort & Golf Club

Orlando, FL USA

Reliability and Maintainability in the New Frontier

The 53rd Annual Reliability & Maintainability Symposium (RAMS) will be held in Orlando, Florida in 2007. The R&M discipline has been challenged with recent changes in the focus of the War Fighter and the Space Program. In addition to the need for highly reliable and maintainable war machines there is now a need for working the terrorism and electronic commerce angle of defense. These elements have opened completely new areas of challenge in information technology and counter intelligence for our disciplines. NASA in moving quickly to a new space exploration venture to reach to the Moon, Mars and beyond is again providing unique opportunity for the R&M tools and techniques we have developed to move to the next paradigm.

With this in mind we invite you to share your research success stories and technology breakthroughs at the 2007 RAMS in Orlando. Tell us how you are meeting the increasing Demands of the new frontier with more reliable, more maintainable, more supportable, and more desirable products. RAMS is the premier forum for sharing your experience, knowledge, and roadmaps to success. Make your contribution to the advancement of the R&M discipline and enjoy in the rich exchange of ideas and solutions. We want you to contribute your unique experience to our synergistic symposium. Plan to submit your paper or tutorial now.

Papers are the medium to advance the state-of-the-art and will be published in the Proceedings and have a ½ hour summary presentation (including a discussion period) at the Symposium. *Tutorials* provide fundamental exposure to topics ranging from introductory through intermediate to advanced. They are presented in two-hour in-depth sessions at the Symposium. Examples of the most recent written papers and tutorials are available in the 2006 Proceedings and the 2006 Tutorial Notes. Your submittal should address topics related to Reliability, Maintainability, Quality and System safety and that are relevant to our theme, e.g.:

Reliability and Cost/Benefit
Product Verification & Validation
Advances in Risk Management
Compliance and Reliability
Healthcare & Reliability
Risk Assessment/Management
Emerging R&M Technologies
System Safety & Reliability

Accelerated Life testing & Aging
Data Analysis for R&M
R&M in Product Design
R&M in Operations
Environmental Screening & Testing
Risk & Safety Management
R&M Lessons Learned
(See web site or recent *Tutorial Notes* for other topics.)

Vernon W. Wessel, *General Chair, 2007 RAMS*

Additional RAMS information is available on the World Wide Web at <http://www.rams.org>
For Submittal Procedure, See Reverse Side

DEADLINE (For Receipt) — Monday, April 17, 2006

The Ralph A. Evans/P.K. McElroy Award and the Alan O. Plait Award

The **Ralph A. Evans/P.K. McElroy Award** recognizes the best combination of the technical paper and its presentation. All submitted papers are graded by the Program Committee. The top contenders are selected and their presentations at the *Symposium* are monitored by a group of past General Chair'n. The author(s) of the winning paper is recognized at the next *Symposium* and receives a plaque, a \$1500 honorarium, and gratis registration.

The **Alan O. Plait Award** recognizes excellence in tutorial content and presentation. Each year the Program Committee and the *Symposium* Board of Directors measure the tutorials against the challenging criteria for this award.

The Annual Reliability and Maintainability Symposium is nonprofit and is sponsored by the following societies:



IMPROVING PRODUCTS AND PROCESSES THROUGH EDUCATION

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Reliability and Maintainability in the New Frontier

If you wish to present a paper or tutorial, now is the time to contact us. All *papers* must be new, *viz.*, neither published nor presented at a national meeting prior to the *Symposium*. *Papers* presented at local meetings are acceptable. *Tutorials* must address key issue areas in Reliability, Maintainability, Quality and/or Safety. Abstracts for papers or tutorials are preferred. However, full paper or full tutorial submissions are acceptable.

You must submit each of the following items electronically by **April 17, 2006**. *Abstracts* and *Full Papers* and *Tutorials* must be submitted in Adobe Acrobat (PDF) or Microsoft Word. All submittals become the property of the *Symposium*. Although there is no limit to the number of abstracts submitted by an author RAMS does reserve the right to limit the number of papers accepted by an author.

1. Papers:

An *Abstract of Paper*, must be informative, with no more than 1000 words, and structured as follows:

- Title, and problems or questions addressed.
- Work to be described; and whether done yet or not.
- Results and/or conclusions anticipated/reached.

- and -

All submissions should indicate applicable category(s) from the list on the previous page.

2. Tutorials:

A *Full Tutorial*, must list title, purpose, topic addressed, and audience-level (basic, intermediate, advanced); and show all data and presentation visuals.

- or -

An *Abstract of Tutorial*, must be informative, with no more than 1000 words, and structured as follows:

- Title, and subject matter to be addressed.
- Material to be presented.
- Audience Level (Basic, Intermediate, or Advanced).

3. Author information for each author (max authors: 4 for papers, 2 for tutorials):

- Full formal name.
- Preferred mailing address; specify whether work or home (many people prefer to use their home address).
- Company name (even if in mailing address).
- Communication data (as available): Work phone & fax, Internet (e-mail), and Home phone.
- Brief PROFESSIONAL biography.

If there is more than 1 author, then identify the —

- *Correspondence Author* (for communications).
- *Presenting Author* (gives paper/tutorial at the *Symposium*).

This deadline (April 17, 2006) has no slack.

Submissions must be made on-line at <http://www.rams.org/CallForPapers> between February 1, 2006 and April 15, 2006. You will receive an e-mail acknowledgment so it is important that you supply a valid email address.

Procedure for Papers — Blind review (reviewers do not know the authors' identity) by the Program Committee. Selection is based on innovativeness, technical merit, clarity, and relevance to the *Symposium* theme. For more information contact the Program Chair, Ed Pohl, at epohl@engr.uark.edu.

The *Paper's Correspondence Author* will be notified of preliminary acceptance in mid-June 2006. If accepted then:

1. The complete drafts of both the paper (6 pages maximum in camera ready format) and presentation visuals (20 maximum) must be received by July 31, 2006 for review.
2. Comments from this review will be mailed to the *Correspondence Author* by September 1, 2006.

If the completed draft is accepted, the following items must be submitted electronically by October 2, 2006.

1. The camera-ready paper (6 pages maximum in Microsoft Word).
2. The set of presentation visuals (20 slides maximum in Microsoft PowerPoint).
3. The completed Copyright Form for the *Proceedings*. A signed, original copy must also be sent to the *Proceedings Chair*.

Note: The *Presenting Author* of the paper is eligible for a reduced-fee *Symposium* registration but will be required to register for the *Symposium* in advance when the Camera Ready version of the paper is submitted.

Procedure for Tutorials — Review (reviewers know the authors' identity) is by the Tutorials Committee. Selection is based on technical content, clarity, and accuracy — along with anticipated interest by attendees, relevance to the *Symposium*, and your ability to follow instructions. For more information, contact the *Tutorials Coordinator*, Richard Cassady, at cassady@engr.uark.edu.

The *Tutorial's Correspondence Author* will be notified of the preliminary acceptance in mid-June 2006. If accepted then:

1. The complete drafts of both the tutorial and its presentation visuals must be received by July, 31 2006 for review.
2. Comments from this review will be mailed to the *Correspondence Author* by September 1, 2006.

If the completed draft is accepted, the following items must be submitted electronically by October 2, 2006.

1. The camera-ready tutorial (in Microsoft Word format).
2. The set of finished presentation visuals (Microsoft PowerPoint).
3. The completed Copyright Form for the *Tutorial Notes*. A signed, original copy must also be sent to the *Proceedings Chair*.

Note: The *Presenting Author* of the tutorial is eligible for a gratis *Symposium* registration but will be required to register for the *Symposium* in advance when the Camera Ready version of the tutorial is submitted.

RAMS and RAMS.ORG are Registered Trademarks of the Symposium

For Technical Information, See Reverse Side

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