Reliability and Maintainability in the New Frontier

The 53rd Annual Reliability & Maintainability Symposium (RAMS) will be held in New Orleans, Louisiana 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 New Orleans. 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 Tutorial 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:

AIAA  ASQ  IEEE  IEST  IIE  SAE  SOLE  SRE  SSS

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