RAMS®

2013 CALL FOR PAPERS & TUTORIALS   http://rams.org

The Annual Reliability and Maintainability Symposium
Reliability, the Key to a Better Bottom Line

January 28-31, 2013   Rosen Shingle Creek Resort   Orlando, FL USA

The 60th Annual Reliability & Maintainability Symposium (RAMS®) will be held in Orlando, Florida, in 2013. As organizations strive to make their products, processes, and services more economical and improve their bottom line, the role of reliability and maintainability is changing as well as becoming more important. More reliable products require less spare parts and result in less scrapped systems, thereby reducing costs. More effective maintenance procedures result in equipment that consumes fewer resources, particularly electricity, also reducing costs. As organizations create new cost effective, competitive technologies, reliability and maintainability professionals are needed to ensure that these technologies operate effectively and most particularly economically. Customers expect products that operate without failure, and in the event of rare failures, are easy to maintain. In the highly competitive global marketplace, high reliability and maintainability in an economically efficient environment are prerequisites for maintaining a competitive edge. As a result, reliability and maintainability practitioners are developing new ways using reliability tools to make processes more efficient and error proof, to design and implement systems, to collect and analyze data, to manage activities and processes, to plan and execute tests, and to formulate and evaluate mathematical models, all for the purpose of improving reliability, maintainability, and costs. We want to learn more about your efforts in this regard.

With this in mind, we invite you to share your research - theoretical or practical, success stories, lessons learned, R&M knowledge, and R&M discoveries at the 2013 RAMS® in Orlando. Tell us how you are contributing to improving the bottom line by applying reliability and maintainability concepts. Tell us how you are using reliability and maintainability in other pursuits. 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 sponsored by nine professional societies. 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 a short technical presentation with discussion period (approximately one-half hour) will be given for each paper at the Symposium. It is the policy of RAMS® to publish all papers presented at RAMS® in IEEE Xplore. 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 2012 Proceedings and the 2012 Tutorial Notes. The process for presenting a paper or tutorial at 2013 RAMS® begins with your submission of an abstract. Your submittal should address topics related to reliability and maintainability that are relevant to our theme, e.g.:

Accelerated Life Testing	R&M Applications in Infrastructure Management
Business Process Improvement	R&M Applications in Manufacturing
Economic Models for R&M	R&M Applications in Service
Equipment Diagnostics and Prognostics	R&M Management
FMEA	Reliability Modeling
Fault Tree Analysis	Repairable Systems Modeling
Human Reliability	Risk Analysis and Management
Life Data Analysis	Software Reliability Analysis
Physical Reliability Models	System Safety
R&M Applications in Aerospace	Warranties
R&M Applications in Health Care	(See web site or recent *Tutorial Notes* for other topics)

We look forward to receiving your abstract and seeing you in Orlando.
Aron Brall, General Chair, 2013 RAMS®
EXTENDED ABSTRACT SUBMISSION DEADLINE MONDAY, APRIL 30, 2012

2013 CALL FOR PAPERS & TUTORIALS   continued

EXTENDED DEADLINE (For Receipt) -- MONDAY, APRIL 30, 2012

If you wish to present a paper or tutorial at 2013 RAMS®, now is the time to begin your preparation. All papers must be new, that is to say, neither published nor presented at a national or international meeting prior to the Symposium. Papers presented at local meetings are acceptable. Tutorials must address key issue areas in reliability and maintainability. To have your paper or tutorial considered for 2013 RAMS®, you must first submit an abstract. **Abstracts must be submitted via rams.org, and the abstract submission process will be available until April 30, 2012.**

To submit an abstract for a paper, an author must provide the following:
- a title of no more than 70 characters
- an abstract (all text—no equations, figures, or tables) of no more than 1000 words
- names and contact information for all authors
- an indication of which author will present the paper (if it is accepted) at the Symposium
- one or two relevant topic areas for their abstract (from the list on the front page of this Call for Papers)

The names of the author(s) should not be included in either the title or in the abstract. Authors will also be asked to indicate if any authors are full-time students (to assess qualification for the RAMS® student paper award), and to which (if any) of the nine RAMS® sponsoring societies each author belongs. Note that membership in a RAMS® sponsoring society is not required for acceptance.

Authors can submit no more than 4 abstracts for consideration. Each paper can have no more than four authors (authors cannot be added to a paper after the April 30, 2012, deadline).

To submit an abstract for a tutorial, an author must provide the following:
- a title of no more than 70 characters
- an abstract (all text—no equations, figure, or tables) of no more than 1000 words
- names and contact information for all authors

Authors will also be asked to which (if any) of the nine RAMS® sponsoring societies each author belongs. Note that membership in a RAMS® sponsoring society is not required for acceptance.

Authors can submit no more than 4 tutorial abstracts for consideration. No tutorial can have more than two authors (authors cannot be added to a tutorial after the April 30, 2012, deadline).

Upon receipt of your abstract, you will receive a confirmation e-mail from RAMS®. Therefore, it is critical that authors provide a valid e-mail address that can accept e-mail from rams.org.
Note that all correspondence regarding papers and tutorials will be sent to the e-mail address of the author who submits the abstract.

Review Procedure for Papers
In May, 2012, the RAMS® Program Committee selects a preliminary program of candidate papers. Selection of candidate papers is based on innovativeness, technical merit, clarity, and relevance to the Symposium theme, as demonstrated by the abstract.

Authors will be notified in early June, 2012, of their status. Authors of candidate papers are required to submit complete drafts of both the paper and presentation slides by the end of July, 2012. **Draft papers shall be submitted without author identification on the paper in order to accommodate a blind review.** The specific requirements for papers and presentation slides will be communicated to authors in a timely fashion. Draft candidate papers will be subjected to review by the Program Committee and peer review (authors will be asked to review at least two other candidate or backup papers). Authors will be given feedback on their draft papers and presentation slides by the end of August, 2012.

Authors of candidate papers must submit their final paper and presentation slides by the end of September, 2012. Final papers will be reviewed by both the Program Committee and the RAMS® Proceedings Editor. At this time, authors must also complete a RAMS® Copyright Form, and at least one author of candidate papers must register (at a reduced fee) for the Symposium.

By submitting an abstract for a paper, the author is accepting the condition that a candidate or backup paper may be rejected at any time if the Program Committee determines that the author is failing to comply with RAMS® deadlines or policies, or if the Program Committee determines that the content of the paper is not of sufficient quality to merit publication in the Proceedings. For more information contact the Program Chair, Keith Janasak, at janasak@raytheon.com .

Review Procedure for Tutorials
The review procedure for tutorials is identical to the review procedure for papers with the following exceptions:
- draft tutorials are not subjected to peer review (only Tutorial Committee review)
- authors of accepted tutorials receive gratis registration for the Symposium

For more information, contact the Tutorials Chair, Caroline Lubert, at lubertcp@jmu.edu.

By submitting an abstract for a paper, the author is accepting the condition that if their paper is ultimately accepted into the Proceedings, at least one author on the paper will register for the Symposium, attend the Symposium, and present the paper at the Symposium in reasonably fluent English.

By submitting an abstract for a tutorial, the author is accepting the condition that if their tutorial is ultimately accepted into the Symposium, the author on co-authors will attend the Symposium and deliver the tutorial at the Symposium in reasonably fluent English