



THE SRE HUNTSVILLE CHAPTER (No. 7) ANNUAL REPORT Calendar Year 2023

This report details activities supported by the seventh chapter formed within the Society of Reliability Engineers (SRE), the Huntsville Chapter, as applicable to Calendar Year 2023 (January 1, 2023 – December 31, 2023) in accordance with the SRE By-Laws (ref. SRE 00-02-0004 (2008), section 12.1).

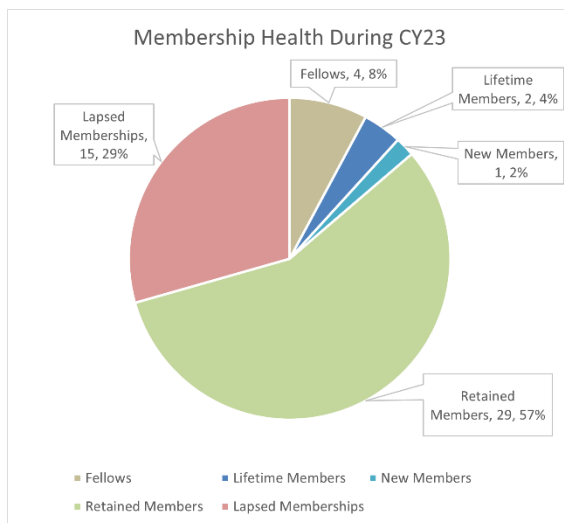
The SRE Huntsville Chapter's Officers

On March 9, 2023, the SRE Huntsville Chapter President announced and welcomed the 2023 – 2025 SRE Huntsville Chapter Officers as shown below with their respective position titles:

President: Tori Smith
Vice President: Frank Hark
Secretary: Sarah Calvert
Treasurer: Jessica Glover

Health Status and Management

The SRE Huntsville Chapter has retained the majority of memberships with 29 renewals. With the addition of one new member, four Fellows, and two Lifetime members, the SRE Huntsville Chapter reports a total of 36 active members for Calendar Year 2023.



Fellows

Robert Abernathy
Larry Crow
Sam Leto
Henry Cook

Lifetime Members

Altricia Jordan
Ernesto Primera

New Member

Anderson Bruda

RAM Summer Symposium

Location: Brahan Springs Park (Pavilion #9) in Huntsville, AL

Date and Time: June 20, 2023 at 11:30 AM – 1:30 PM

Estimated Number of Attendees: 15

The SRE Huntsville Chapter hosted the annual RAM Summer Symposium, promoting awareness of the Society of Reliability Engineers and SRE Huntsville Chapter. The venue and picnic-style setting encouraged open discussion among attendees to include active members and the SRE Huntsville Chapter's Board of Directors on subjects such as the level of current member involvement and potential community outreach opportunities.



RAM XV Training Summit

Theme: Driving Toward Digital

Location: U.S. Space and Rocket Center's Education Training Facility in Huntsville, AL

Dates and Times: November 1 – 2, 2023 at 8:00 AM – 4:30 PM

Estimated Number of Attendees: 124 (total, including presenters and sponsors)

Number of Presenters: 6 (graduate students), 2 (undergraduate students), & 18 (industry)

Number of Scholarships Awarded to Students: 3 (graduate) & 2 (undergraduate)

Number of Sponsors: 6

The SRE Huntsville Chapter hosted the annual RAM Training Summit with support from Intuitive Research and Technology Corporation. Sponsors of the event included MTA Incorporated, AVNIK Defense Solutions Incorporated, Bastion Technologies Incorporated, Mission Ready Software, Andromeda Systems Incorporated, and the SRE Huntsville Chapter.

The RAM Training Summit is a recurring opportunity to collaborate with industry, academia, and communities to promote awareness of the SRE Huntsville Chapter and invite sharing of theoretical or practical findings of completed research, engineering case studies, success stories, lessons learned, R&M based analyses and simulations, or R&M discoveries.

The RAM XV Training Summit's theme of Driving Toward Digital encouraged focused discussions and presentations related to the subject and offered attendees inspiration for use in their respective area of interest, as applicable.

As a tribute to the life of Dr. William Wessels, the SRE Huntsville Chapter presented the Dr. William Wessels Scholarship Award Plaque for the first time during the RAM XV Training Summit.

5 Ways YOU Can Benefit by Presenting at This Year's RAM Training Summit:

1. Help others understand and apply your knowledge.
2. Advance the industry.
3. Network: Make valuable connections.
4. Improve your presentation skills.
5. Attract people to your team.

Why present at SRE's RAM XV Training Summit?

By sharing your knowledge and experience tied to the theme, "Driving Toward Digital," Not only will it help others, but you may receive feedback during the presentation that will also help you obtain insights to further advance your unique experiences and organizational goals.

Dr. William “Bill” R. Wessels



Dr. Wessels earned a Bachelor of Science in Engineering from the United States Military Academy at West Point in 1970, a Master's degree in Business Administration in Decision Sciences from the University of Alabama in Tuscaloosa in 1975, and a Doctor of Philosophy (Ph.D.) degree in Systems Engineering from the University of Alabama in Huntsville in 2006. Dr. Wessels became a registered Professional Mechanical Engineer in 1982 (Pennsylvania) and earned the ASQ Reliability Engineering Certification in 1996.

During his nine years working at the University of Alabama in Huntsville (UAH) campus, Dr. Wessels co-founded the Reliability and Failure Analysis Laboratory. While a Professor at UAH, he taught ISE

321 (Engineering Economy), ISE 601 (Probability and Statistics for Engineers), and ISE 638 (Engineering Reliability), among other classes. On the “Rate My Professor” website, Dr. Wessels can still be seen as having some of the most outstanding student recommendations of any professor in his department.

In the year 2000, Dr. Wessels was elected Professional of the Year by the SRE Huntsville Chapter. Dr. Wessels served in many officer positions over the years for the SRE Huntsville Chapter, worthy of special mention is his service as President during the 2003 – 2005 term. Dr. Wessels gave many, many presentations to the SRE Huntsville Chapter, some on very short notice to fill in for someone who had canceled. His talks were always intelligent, humorous, and full of experience and insight.

Dr. Wessels produced two textbooks. He authored “Practical Reliability Engineering & Analysis for System Design and Life Cycle Sustainment” (2010) and co-authored “Affordable Reliability Engineering: Life-Cycle Cost Analysis for Sustainability & Logistical Support” (2015) with Daniel Sullivant.