



Training Summit Agenda "AI Age of RAM"

HOSTED AT: **U.S. Space & Rocket Center** Educator Training Facility, Huntsville, AL



Day 1 - Wednesday, November 6th, 2024

Day 2 - Thursday, November 7th, 2024

0800-0900 Sign Up & Registration In Front Lobby (Entrance)		
0800-1630 Front Lobby		
Time	A (Main Classroom)	B (Auditorium)
0845-0900	Welcome Opening Remarks in Auditorium =>	
Session 1 0900-1030 .15 CEUs	A1. KEYNOTE SPEAKER in Auditorium ==>	B1. Advancing Reliability Engineering with AI Tony Donatelli
	An Overview of the Electrical Wiring Interconnect System (EWIS) and EWIS Data Analysis Tom Harrington	Systems of Agents Nathan Rigoni
	AM BREAK	
Session 2 1045-1215 .15 CEUs	A2. The Technological Evolution of Statistical Analysis for RAM Data Danielle McDonnell, Jordan Mills Kyle Russell	B2. Rapid Reliability Risk Assessment Utilizing Software Tools and MBSE in RAM Engineering Matthew Carrell Ann Marie Neufelder
	Developing an SRP Engineer Eric Hunt	Leveraging Artificial Intelligence to Improve RAM Inspection Analysis Charles Etheredge & Steven Thomas
LUNCH BREAK		
Session 3 1315-1415 .10 CEUs	A3. Women In Engineering Panel Ana Wooley Carelyn Martinez Michele Platt	B3. Applying Crow AMSAA to In-Service Reliability Dave Nelson
	Lisa Bates Rachel Boydston	Incorporating AI into Data Analytics & Visualization Rachel Boydston
PM BREAK		
Session 4 1430-1530 .10 CEUs	A4. Evaluation of Life Testing Schemes Kelby Starchman Paul Britton	B4. Agile Software Development in the DoD Jillian Ivey
	Value of Graphical Models for the Quantification or Risk William Janzer Paul Britton	Applying RAM within an Agile Environment Ann Marie Neufelder
Afternoon Networking & Vendor Booths		
ADJOURN FOR THE DAY (0.45 CEUs For RAM XVI Day 1 - Sessions 1-4)		

0800-0900 Sign Up & Registration In Front Lobby (Entrance)		
0800-1230 Front Lobby		
Time	A (Main Classroom)	B (Auditorium)
Session 5 0900-1030 .15 CEUs	A5. Embracing the Artificial Intelligence Age of RAM Lisa Bates	B5. Student Presentations Acceptance and Adoption of AI Technology in the Context of Reliability and Maintainability Rachel Powell (Grad Student)
	Leveraging AI and DE for RAM Philip Reiner	AI Age of RAM Virginia Sullivan (PHD Student)
	Application of Bayesian Inference for Increasing Rocket Engine Reliability and its Uncertainty Quantification Danielle McDowell (Grad Student)	
AM BREAK		
Session 6 1045-1215 .15 CEUs	A6. An Overview of Reliability Engineering Tools and Techniques Fayssal M. Safie	B6. Student Presentations The Power of ChatGPT and Other Chatbot Platforms: A Management Approach Jordan Evans (Grad Student)
	An Investigation of Transparent Methods for Improved Human-AI Shivangi Gupta (PHD Student)	
Integrating Autonomous Agents into the OODA Loop for Optimized RAM Operations Dylan Wright (PHD Student)		
LUNCH BREAK		
Session 7 1315-1415 .10 CEUs	A7. AI Reverse Panel in Auditorium ==>	B7. AI Reverse Panel Seth Farrington & Myles Chatman Ronnie Knight Tony Donatelli
	PM BREAK	
Session 8 1430-1600 .10 CEUs	A8. SRE Meeting in Auditorium ==>	B8. Student Presentations RAM with AI Devan Strazewski (Undergrad Student)
	SRE Meeting	
Student Awards, Closing Remarks, Door Prizes and Training Summit Surveys in Auditorium		
ADJOURN FOR THE DAY (0.50 CEUs For RAM XVI Day 2 - Sessions 5-8)		

*See "RAMS XVI ABSTRACTS" (Training Summit Presentation Abstracts) sheet for details of each presentation using the QR Code on Front Page or Go To <https://srehsv.com/ram/agenda/>

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Agenda

"AI Age of RAM"

HOSTED AT:



Educator Training Facility

One Tranquility Base, Huntsville, AL 35805

Agenda or Abstracts



QR-Code

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