

Agenda

MONDAY, 18 AUGUST

0800 – 1700 **REGISTRATION OPEN**
GRANBY BALLROOM FOYER

1200 – 1700 **EXHIBIT HALL OPEN**
GRANBY BALLROOM FOYER

1300 – 1315 **WELCOME & OPENING REMARKS**
GRANBY BALLROOMS ABCD

Claire Hughes

2025 Conference Chair, Design Interactive, Inc.

VADM Sean Buck, USN (Ret.)

President, National Training and Simulation Association (NTSA)

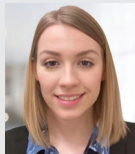
SCHOLARSHIP AWARDS PRESENTATION

VADM Sean Buck, USN (Ret.)

President, National Training and Simulation Association (NTSA)

RADM JAMES ROBB SCHOLARSHIP AWARD @ MODSIM

The NTSA RADM James Robb scholarships are being offered to prepare individuals for leadership in the Modeling & Simulation, Training, and Education communities. RADM James Robb served as the NTSA President from 2012 – 2023, a keystone achievement during his presidency was the continued expansion of the NTSA Scholarship program. RADM Robb's continued commitment to growing the modeling and simulation technology workforce was evident through his unwavering support of these scholarships. These core programs continue to identify and credential a professional workforce and established educational programs to stimulate interest in M&S careers at all grade levels. RADM Robb believed that by investing in our future workforce, these scholarships will encourage expansion of the I/ITSEC community and promote innovation through direct investment in our community's future leaders.



Abigail Berardi

Computer: M&S & Electrical Engineering
Old Dominion University



Elexiah Smart

Computer & Electrical Engineering
Old Dominion University

1315 – 1415 **SPECIAL EVENT: Accelerate & Innovate – Transforming Defense Partnerships and Acquisition**
GRANBY BALLROOMS ABCD

Join an invited panel of leaders from NATO, Navy, and leading-edge industry strategists for large and small businesses as they unveil bold, transformative approaches to revolutionizing defense acquisition in modeling, simulation, and training systems. This panel will spotlight breakthrough strategies for harnessing cutting-edge ideas, forging agile partnerships with start-ups, research institutions, and accelerating mission success in an increasingly complex and fast-paced defense environment. Attendees will gain actionable insights and collaborative methods for pushing innovation beyond traditional contracting models.

MODERATOR

VADM Sean Buck, USN (Ret.)

President, NTSA

Bob Kleinhample, USA (Ret.)

CEO & President, PioneerSim

Jay Pitman

Vice President and General Manager; Training, Logistics and Simulation, Lockheed Martin Rotary and Mission Systems

Brian Vogt

M&S Section Head, Next Generation M&S Programme Director,
NATO HQ SACT

1415 – 1445 **NETWORKING BREAK & DEDICATED EXHIBIT TIME**
GRANBY BALLROOM FOYER

Agenda

1445 – 1615

SPECIAL EVENT: Wargaming at the Crossroads – Balancing Traditional Methods and M&S Innovation in DoD

GRANBY BALLROOMS ABCD

This panel examines the evolving tension within Department of Defense wargaming, where time-honored tabletop approaches clash with emerging modeling and simulation (M&S) technologies. Traditional wargaming—rooted in human decision-making, abstraction, and experiential learning—faces pressure to integrate computational tools promising scalability, multi-domain fidelity, and data-driven insights. Yet this fusion risks diluting the strategic intuition and adaptability that define manual methods. Experts representing both paradigms will debate critical questions:

- Can M&S enhance traditional wargaming’s pedagogical value without undermining its “design for effect” philosophy?
- How can hybrid approaches overcome limitations in representing multi-scale operations (e.g., cross-domain, cognitive warfare)?
- What safeguards ensure technology complements—rather than replaces—human ingenuity in scenario design and analysis?

MODERATOR

Luke DeVore

Managing Partner, Voltron Group

Sebastian Bae

Senior Game Designer, Center for Naval Analyses (CNA)

Chad Bates, Ph.D.

Wargaming Solution Architect, BAE Systems, Inc.

Capt Nathan Tidwell, USMC

Wargaming Operations Officer, Brute Krulak Center of Innovation & Future Warfare, Marine Corps University (MCU)

1615 – 1630

NETWORKING BREAK & DEDICATED EXHIBIT TIME

GRANBY BALLROOM FOYER

1630 – 1700

SPECIAL EVENT: One-Minute Spotlight

GRANBY BALLROOMS ABCD

In this dynamic session, presenters distill their professional essence into a single slide and 60 seconds. Presenters will introduce themselves, outline their services or capabilities, and share their conference goals. Whether you’re a researcher, entrepreneur, or industry professional, this rapid-fire spotlight ensures maximum impact in minimal time.

MODERATOR

Luke DeVore

Managing Partner, Voltron Group

1700

NO HOST SOCIAL

THE GRAIN

TUESDAY, 19 AUGUST

0700 – 1730

REGISTRATION OPEN

GRANBY BALLROOM FOYER

0745 – 0900

CONTINENTAL BREAKFAST

GRANBY BALLROOM FOYER

0745 – 1830

EXHIBIT HALL OPEN

GRANBY BALLROOM FOYER

0900 – 0905

DAY TWO WELCOME & OPENING REMARKS

GRANBY BALLROOMS ABCD

Claire Hughes

2025 Conference Chair, Design Interactive, LLC



Agenda

0900 – 0930 **INDUSTRY KEYNOTE ADDRESS**
GRANBY BALLROOMS ABCD
Jennifer Riley, Ph.D.
Director, RDT&E, Design Interactive, LLC

0930 – 1100 **SPECIAL EVENT: The Simulation Century – The Intelligence Community in the Simulation Century**
GRANBY BALLROOMS ABCD

This is our fourteenth annual session to address the growing issue of managing the human/ machine interface as we hurtle towards the Singularity and the Metaverse. We will continue our discussion of how to achieve fluency with smarter balance between humans and machines to optimize outcomes. The Simulation Century Panel presentations this year will focus on the challenges and opportunities of implementing AI and simulation in the intelligence community.

Slouching Towards AGI

Richard Boyd
CEO, UltiSim, Inc.

International Intelligence Cooperation, Recruiting and Training

Robin Lobb
Vice President, Membership, International Association for Intelligence Education (IAFIE)

Real Spy Stories in Simulations

Adam Leslie
Executive Director, ASPI USA; President, Real Spy Comics

1100 – 1115 **NETWORKING BREAK & DEDICATED EXHIBIT TIME**
GRANBY BALLROOM FOYER

1115 – 1230 **PAPER SESSION I: Human-AI Teaming in Defense Ops**
DEFENSE TRACK | MEETING ROOM: FUSION

1115 – 1140 **BEST PAPER NOMINEE**

Application of the Human Readiness Levels to AI Intensive Systems

Presenter: Cansu Yalim
Old Dominion University

Holly Handley, Ph.D.
Old Dominion University

1140 – 1205 **Integrating Human-AI Teaming into Modeling and Simulation for Live, Virtual, Constructive (LVC) Environments**

Presenter: Thomas Holland, Ph.D.
Georgia Tech Research Institute

Elizabeth Whitaker, Ph.D.
Georgia Tech Research Institute

Larry Kim, Ph.D.
Georgia Tech Research Institute

Ethan Trehwitt
Georgia Tech Research Institute

Margaret Loper, Ph.D.
Georgia Tech Research Institute

Moon Kim
Georgia Tech Research Institute

Brian Martens
Georgia Tech Research Institute

Clayton Hutto
Georgia Tech Research Institute

1205 – 1230 **Emotion-Aware Cognitive Load Management in Human-AI Teaming for Defense Operations**

Presenter: Ancuta Margondai
University of Central Florida

Sara Willox, Ph.D.
University of Central Florida

Cindy Von Ahlefeldt
University of Central Florida

Mustapha Mouloua, Ph.D.
University of Central Florida

Agenda

1115 – 1230 PAPER SESSION I: Safety & Infrastructure Risk Mitigation Modeling

INDUSTRY TRACK | MEETING ROOM: ENERGY

1115 – 1140 **Augmented Virtuality and Infrared Radiation Sensing for HVDC Valve Monitoring**

Presenter: Gerson Lima, Ph.D.
Computer Graphics Works

Joao Mendes de Lima
Computer Graphics Works

Bruno Guilherme
Computer Graphics Works

Jader de Oliveira
Eletronorte, Eletrobras

Lilian Queiroz
Eletronorte, Eletrobras

Jai Neto
Federal University of Uberlândia

A. Andrade
Federal University of Uberlândia

A. Cardoso
Federal University of Uberlândia

1140 – 1205 **Analysis of Space Debris Risk to Satellites in Low Earth Orbit**

Presenter: COL Joseph Guzman, USA (Ret.)
Space Cowboy ADR

Jacob Barhak, Ph.D.
Jacob Barhak Analytics

1205 – 1230 **Reality Capture and 3D Modeling Applied to Dam Safety Monitoring: A Digital Twin Approach for Hydroelectric Infrastructure**

Presenter: Gerson Lima, Ph.D.
Computer Graphics Works

Joao Mendes de Lima
Computer Graphics Works

Jader de Oliveira
Eletronorte, Eletrobras

Lilian Queiroz
Eletronorte, Eletrobras

Alexandre Cardoso
Federal University of Uberlândia

Jean Garcia
Federal University of Uberlândia

Maria Cristina Vidigal de Lima
Federal University of Uberlândia

1115 – 1230 PAPER SESSION I: Simulation in Education Design

TRAINING & EDUCATION TRACK | MEETING ROOM: MOMENTUM

1115 – 1140 **Bridging Disciplines: Developing an Undergraduate Modeling and Simulation Course for Multidisciplinary Engineering Applications**

Presenter: Mileta Tomovic
Old Dominion University

Cynthia Tomovic
Old Dominion University

1140 – 1205 **Project-Based Learning in Modeling and Simulation Education: Positive Trends Over Three Cohorts**

Presenter: Stephanie Fussell, Ph.D.
Aptima, Inc.

Summer Rebensky, Ph.D.
Aptima, Inc.

Maria Chaparro Osman, Ph.D.
Aptima, Inc.

Samantha Perry, Ph.D.
Aptima, Inc.

William Stalker
Aptima, Inc.

Stephen McGee
USAF AFMC 711 HPW/RHWOW

1205 – 1230 **Designing for Transfer: Developing a Skill-Based Simulation Using Learning Engineering and Game Design Methodologies**

Presenter: Jessica Johnson, Ph.D.
Old Dominion University

John Shull
Old Dominion University

Austin Connolly
Old Dominion University

Hector Garcia
Old Dominion University

1230 – 1400 **LUNCH & DEDICATED EXHIBIT TIME** **GRANBY BALLROOM E & GRANBY BALLROOM FOYER**



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1400 – 1415 **CONGRESSIONAL KEYNOTE ADDRESS**
GRANBY BALLROOMS ABCD
Hon. Bobby Scott
U.S. Congress, 3rd District, VA

1415 – 1530 **PAPER SESSION II: Decision Advantage in Military Operations**
DEFENSE TRACK | MEETING ROOM: FUSION

1415 – 1440 **A Computer-assisted Multi-Domain Operations Wargaming Concept**

Presenter: Philip Muurmans
Royal Netherlands Aerospace Centre (NLR)
Koen Bezemer
Royal Netherlands Aerospace Centre (NLR)

Armon Toubman, Ph.D.
Royal Netherlands Aerospace Centre (NLR)

1440 – 1505 **Simulating the Skies: Unleashing AI for Adaptive Airborne Defense**

Presenter: Robin Grimes
Intuitive Research and Technology Corporation (INTUITIVE®)
Connor Green
Intuitive Research and Technology Corporation (INTUITIVE®)
Jeff Souder
Intuitive Research and Technology Corporation (INTUITIVE®)

William Marx, Ph.D.
Intuitive Research and Technology Corporation (INTUITIVE®)
Chanler Cantor
Intuitive Research and Technology Corporation (INTUITIVE®)

1505 – 1530 **Compound AI for Decision Advantage: Human Digital Twin Agent Teams and Populations for Military Operations**

Presenter: Svitlana Volkova, Ph.D.
Aptima, Inc.
Laura Cassani
Aptima, Inc.
Spencer Lynch
Aptima, Inc.

Hsien-Te Kao
Aptima, Inc.
Peter Bautista
Aptima, Inc.
Will Dupree, Ph.D.
Aptima, Inc.

1415 – 1530 **PAPER SESSION II: Training Through Immersive Simulation**
INDUSTRY/TRAINING & EDUCATION TRACK | MEETING ROOM: ENERGY

1415 – 1440 **Mobile eXtended Reality (XR) Training: Executing a Productive Training Effectiveness Evaluation**

Presenter: Betsy Guzmán Laxton
Design Interactive, LLC
Rebecca Kwasinski
Design Interactive, LLC

JoAnn Archer
Design Interactive, LLC

1440 – 1505 **From Game Art to Cognitive Training: How 3D Asset Design Impacts Situational Awareness in Simulation-Based Learning**

Presenter: Ashley Buczkowski
Old Dominion University
Jessica Johnson, Ph.D.
Old Dominion University

Bratislav Cvijetic
Old Dominion University

1505 – 1530 **Simulating Cybersecurity Resilience in Critical Infrastructure: A Role-Based Learning Game for Water Systems**

Presenter: Gul Ayaz
Old Dominion University
Katherine Smith, Ph.D.
Old Dominion University

Rafael Diaz, Ph.D.
Old Dominion University

Agenda

1415 – 1530 PAPER SESSION II: Modeling Wellbeing & Treatment

TRAINING & EDUCATION TRACK | MEETING ROOM: MOMENTUM

1415 – 1440 **Affective State Modeling to Predict Training Dropout in Soldier Academies**

Presenter: Ancuta Margondai
University of Central Florida

Mustapha Mouloua, Ph.D.
University of Central Florida

Cindy von Ahlefeldt
University of Central Florida

1440 – 1505 **BEST PAPER NOMINEE**

Engineering Mental Wellness: A Digital Twin for Chronic Stress Modeling and Real-Time Intervention

Presenter: Emma Antanavicius
University of Central Florida

Soraya Hani
University of Central Florida

Valentina Ezcurra
University of Central Florida

Anamaria Acevedo Diaz
University of Central Florida

Ancuta Margondai
University of Central Florida

Nikita Islam
University of Central Florida

Cindy Von Ahlefeldt
University of Central Florida

Mustapha Mouloua, Ph.D.
University of Central Florida

Sara Willox, Ph.D.
University of Central Florida

1505 – 1530 **Personalized EEG-Driven Digital Twin Models for AI and VR-Based Language Therapy in Children with Autism Spectrum Disorder**

Presenter: Nikita Islam
University of Central Florida

Valentina Ezcurra
University of Central Florida

Ancuta Margondai
University of Central Florida

Soraya Hani
University of Central Florida

Cindy Von Ahlefeldt
University of Central Florida

Anamaria Acevedo Diaz
University of Central Florida

Sara Willox, Ph.D.
University of Central Florida

Mustapha Mouloua, Ph.D.
University of Central Florida

Emma Antanavicius
University of Central Florida

1530 – 1545 **NETWORKING BREAK & DEDICATED EXHIBIT TIME**

GRANBY BALLROOM FOYER

1545 – 1715 **SPECIAL EVENT: Teaching A New Dog Old Tricks – Partnering with AI for Creating Training**

GRANBY BALLROOMS ABCD

This roundtable explores how GenAI and LLMs can be a partner in elevating how we in the training simulation community provide tools that ensure operational readiness. The Roundtable will include experts speaking distinctive approaches to leveraging AI for readiness, covering topics like:

- GenAI as Your Co-Creator – How GenAI can collaborate with training developers to design simulations faster and smarter
- Simulation: Impossible – Using GenAI to generate synthetic data for rare or high-risk training scenarios
- Getting Ready for Readiness – Leveraging predictive analytics to anticipate training needs, forecast learner performance, and proactively address skill gaps

MODERATOR

Benjamin Bell, Ph.D.

VP Advanced Capabilities, Potawatomi Business Development Corporation, Federal Group

Jamieson Gump, Ph.D.

Senior Technical Advisor for Modeling, Simulation and Analysis (EPA), Department of the Air Force (CMSO, AFRL & PEO C3BM)

James Pharmer, Ph.D.

Chief Scientist, Naval Air Warfare Center Training Systems Division



Agenda

1715 – 1830

OPENING RECEPTION GRANBY BALLROOM FOYER

Welcome Remarks

Claire Hughes

2025 Conference Chair, Design Interactive, LLC

Reception Sponsor



WEDNESDAY, 20 AUGUST

0700 – 1500

REGISTRATION OPEN GRANBY BALLROOM FOYER

0745 – 0900

CONTINENTAL BREAKFAST GRANBY BALLROOM FOYER

0745 – 1500

EXHIBIT HALL OPEN GRANBY BALLROOM FOYER

0900 – 0915

DAY THREE WELCOME & OPENING REMARKS GRANBY BALLROOMS ABCD

Claire Hughes

2025 Conference Chair, Design Interactive, LLC

0915 – 1015

SPECIAL EVENT: Future Visions in Medical Simulation GRANBY BALLROOMS ABCD

As healthcare and military medicine evolve, so must the training tools for future medical professionals. This session convenes a panel of experts from research, technology, military operations, and government to discuss the transformation of medical simulation, from traditional mannequins to immersive, AI-enhanced environments. Topics include the integration of virtual, augmented, and mixed reality in training, the use of haptics for procedural accuracy, and the role of human factors in system design. The panel will also explore challenges in scaling simulation across diverse settings, share insights from real-world deployments, and highlight the importance of interdisciplinary collaboration. Attendees will gain a strategic outlook on how emerging technologies, policy changes, and evolving threats are shaping the future of medical readiness and education.

MODERATOR

Frank Karluk

Account Executive, DLH Corporation

JoAnn Archer

Deputy Director RDT&E, Design Interactive, LLC

Cheryl Lockhart

Senior Military Advisor, SimX VR

Madison Quinn

Research Lead, Engineering & Computer Simulations, Inc.

CMSgt Adam Reading, USAF (Ret.)

Director of Simulation Sales, North American Rescue



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1015 – 1030 **NETWORKING BREAK & DEDICATED EXHIBIT TIME**
GRANBY BALLROOM FOYER

1030 – 1145 **PAPER SESSION III: AI-Driven Military Training**
DEFENSE TRACK | MEETING ROOM: FUSION

1030 – 1055 **Predicting Mission Outcomes with Warfighter Digital Twins and Artificial Intelligence**

Presenter: Todd Burnett
Booz Allen Hamilton

Maryrose Blank, Ph.D.
Booz Allen Hamilton

Presenter: Jake Mathey
Booz Allen Hamilton

James Brown, Ph.D.
Booz Allen Hamilton

1055 – 1120 **Headset-free Immersive Flight Simulators for Improved Training Throughout**

Presenter: Christopher Barsi
Brelon, Inc.

Vincent Gio Davis
Brelon, Inc.

Alok Mehta
Brelon, Inc.

Barmak Heshmat
Brelon, Inc.

1120 – 1145 **Adaptive Simulation-Based Training for Military Decision-Making: Leveraging IoT-Derived Cognitive and Emotional Feedback**

Presenter: Emma Antanavicius
University of Central Florida

Cindy Von Ahlefeldt
University of Central Florida

Presenter: Nikita Islam
University of Central Florida

Sara Willox, Ph.D.
University of Central Florida

Anamaria Acevedo Diaz
University of Central Florida

Soraya Hani
University of Central Florida

Valentina Ezcurra
University of Central Florida

Mustapha Mouloua, Ph.D.
University of Central Florida

Ancuta Margondai
University of Central Florida

1030 – 1145 **PAPER SESSION III: Operational Readiness & Simulation for Security**
INDUSTRY/DEFENSE TRACK | MEETING ROOM: ENERGY

1030 – 1055 **Forging the Future of M&S: The Integrated Digital Maturity Pathway (IDMP) and User Story Framework**

Presenter: Darryl Draper-Amason, Ph.D.
Old Dominion University

Thomas Irwin, Ph.D.

1055 – 1120 **Novel Architecture for Naval Cyber-Kinetic Training**

Presenter: Omar Hasan, Ph.D.
Dignitas Technologies

Jeremy Richarde
Dignitas Technologies

Derek Crane
Dignitas Technologies

1120 – 1145 **Contested Homeland Environment Simulation (CHES)**

Presenter: Keith Ladd, USA (Ret.)
Applied Training Solutions, LLC

Schawn Thropp
Applied Training Solutions, LLC

Joseph Nolan, USA (Ret.)
Applied Training Solutions, LLC



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1030 – 1145	PAPER SESSION III: Application of Immersive VR Environments for Training	
	TRAINING & EDUCATION TRACK MEETING ROOM: MOMENTUM	
1030 – 1055	Comparison Between 360-degree and Digital Immersive VR-based Training Environments for Cleanroom Safety and Fabrication Procedures	
	Presenter: Michael Kozhevnikov, Ph.D. Norfolk State University	Steve Adjetei Adjei Norfolk State University
	Jordan Junior Atta Nuako Norfolk State University	
1055 – 1120	Immersive Virtual Reality-based Training Environment to Perform the Photolithography Process	
	Presenter: Sandra Eddie Norfolk State University	Michael Kozhevnikov, Ph.D. Norfolk State University
	Dickson Afful Norfolk State University	
1120 – 1145	Comparing Flow, Enjoyment, and Stress Responses in Desktop and Immersive Virtual Reality Gaming Environments	
	Presenter: Maria Kozhevnikov, Ph.D. Harvard Medical School	Michael Kozhevnikov, Ph.D. Norfolk State University
	Angelica Mah National University of Singapore	
1030 – 1145	SPECIAL EVENT: STEM Event	
	GRANBY BALLROOM FOYER	
	The MODSIM STEM event provides a unique opportunity to contribute directly to the school experience of youth who are beginning to formulate their dreams for the future. During the MODSIM STEM event, local high school students will get the opportunity to see firsthand the world of M&S. Students will rotate through hands-on M&S demonstrations provided in the exhibit hall to see STEM in action.	
1145 – 1300	LUNCH & DEDICATED EXHIBIT TIME	
	GRANBY BALLROOM E & GRANBY BALLROOM FOYER	
1300 – 1415	PAPER SESSION IV: Space & Radar Simulation	
	DEFENSE TRACK MEETING ROOM: FUSION	
1300 – 1325	Electromagnetic Environment Simulation: Addressing Operational Training Gaps in Space	
	Presenter: Michael Buttram Information Systems Laboratories	Brendan Fisher Information Systems Laboratories
	Sandeep Gogineni, Ph.D. Information Systems Laboratories	
1325 – 1350	GPU-Accelerated Radar Simulation for Large-Scale Machine Learning Dataset Generation and Algorithm Development	
	Presenter: Srini Vasan Vulcan Ventura	Andrew Willis, Ph.D. Vulcan Ventura
	Presenter: Chris Beam Vulcan Ventura / Quantum Ventura, Inc.	Braden Feshami Quantum Ventura, Inc.
1350 – 1415	Advanced Analytics for Space-enabled Kill-webs (AASK)	
	Presenter: David Hillstrom, Ph.D. Infinity Labs, LLC	

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1300 – 1415 PAPER SESSION IV: Simulation & AI for Complex Decision Making

INDUSTRY TRACK | MEETING ROOM: ENERGY

1300 – 1325 **Tabu Search with Reinforcement Learning for Location Problems**

Presenter: Rex Kincaid, Ph.D.
William & Mary

Kuidong Li
William & Mary

Presenter: Lydia Wallis
William & Mary

1325 – 1350 **Combining Ink, Water, and Cardboard – Using AI Solutions and Curated Data Sets to Make Clear Solutions for Advanced Data Problem Sets in Magic: The Gathering and Beyond**

Presenter: Andrew Hollis
Emerging Technology Support, LLC

Samantha Sessions
Argano

Christopher Samulski
Argano

Luke Fallis
Argano

1350 – 1415 **BEST PAPER NOMINEE**

Simulation-Based Optimization of Synthetic Blood Production and Deployment in Emergency and Resource-Limited Clinical Settings

Presenter: Soraya Hani
University of Central Florida

Anamaria Acevedo Diaz
University of Central Florida

Ancuta Margondai
University of Central Florida

Emma Antanavicius
University of Central Florida

Cindy Von Ahlefeldt
University of Central Florida

Nikita Islam
University of Central Florida

Sara Willox, Ph.D.
University of Central Florida

Mustapha Mouloua, Ph.D.
University of Central Florida

Valentina Ezcurra
University of Central Florida

1300 – 1415 PAPER SESSION IV: AI & Adaptive Learning in Training Systems

TRAINING & EDUCATION TRACK | MEETING ROOM: MOMENTUM

1300 – 1325 **Cognitive Task Analysis in the Age of AI**

Presenter: Jessica Johnson, Ph.D.
Old Dominion University

1325 – 1350 **Optimizing Learning with AI: Individual and Organizational Benefits**

Presenter: Amy Smith, Ph.D.
Blank Slate Technologies

1350 – 1415 **Retrofitting Simulation Systems with Adaptive Learning to Personalize Training**

Presenter: Thomas Lenz
Dignitas Technologies

Michael Cambata
Dignitas Technologies

1415 – 1430 **NETWORKING BREAK & DEDICATED EXHIBIT TIME** GRANBY BALLROOM FOYER



Agenda

1430 – 1600

SPECIAL EVENT: Peering Over The Horizon – How Immersive, Spatial and AI Technologies Are on the Brink of Reshaping Industrial Production

GRANBY BALLROOMS ABCD

From drug development through agriculture and ship building, immersive, spatial and AI technologies are helping accelerate new discoveries and fundamentally changing the way companies are building, deploying, and marketing their products. This panel will explore how these technologies are used today, and the strategies teams are using to overcome the technological and institutional challenges that threaten adoption. The impact of technologies such as the next generation of wearable AR glasses, neurosymbolic AI and the use of digital twins will be discussed. Attendees will leave with a clear understanding of how these technologies are changing development at Fortune 50 companies and how these lessons can be leveraged at their own organizations.

MODERATOR

Claire Hughes

Portfolio Manager, Design Interactive, LLC

Chris Binion

Director of Digital Innovation, Thermo Fisher Scientific

Sean Danowski

CEO, MergePlot

Joseph Marr, Ph.D.

Lead Data Scientist, Newport News Shipbuilding

Chris Mulberry

Senior Solutions Architect, Industry Solutions, Unity Technologies

1600

CLOSING REMARKS & ADJOURN

GRANBY BALLROOMS ABCD

Claire Hughes

2025 Conference Chair, Design Interactive, LLC

Vance Souders

2026 Conference Chair, Thermo Fisher Scientific



2026 DEPARTMENT OF THE AIR FORCE

Modeling & Simulation Summit

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