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FROM THE
CONFERENCE CHAIR



WELCOME ATTENDEES OF I/ITSEC 2025!

As we begin I/ITSEC 2025, I am amazed by the significance of the date. The year 2025 has long been a milestone for technological aspirations, particularly those involving the transition of emerging technologies into practical applications. This year has seen a change in military operations from the expansion of autonomous systems, advanced connectivity, and artificial intelligence. Therefore, this year's conference theme, *Optimizing Training: Ensuring Operational Dominance* is particularly fitting.

Over the next week, we will explore innovative technologies and their global impact on training and simulation. Celebrating nearly six decades, I/ITSEC remains the largest modeling and simulation conference in the world, thanks to the dedication of many individuals.

I extend special thanks to the leadership from the U.S. Air Force and, for the first time co-leading, the U.S. Space Force. It has been a pleasure collaborating with Executives Col Cory Klopstein (USSF) and Mr. Rodney Stevens, SES (USAF), and their Principals, Mr. Heath Morton (USAF) and Mr. King Molder (USSF). Their year-long efforts have shaped this exceptional program.

Our gratitude also goes to our Program Chair, Dr. Kelly Hale, and the National Training and Simulation Association (NTSA), led by President VADM Sean Buck, USN (Ret.), and Senior Vice President Ms. Debbie Langelier, whose leadership ensures the unparalleled value of I/ITSEC.

Additional appreciation is owed to our service executives: CAPT Rob Betts (USN), Col Wynndee Young (USMC), Mr. Lee James (USA), and LTC Paul Kunnas (OSD), along with their service principals, Mr. Matt Williams (USN), Mr. Mike LeMorta (USMC), Ms. Debra Dawson (USA), and Ms. Gina Tyrrell (OSD). Their coordination has brought together expert panels, insightful presentations, and critical policy perspectives.

We also acknowledge the efforts of over 300 volunteers from government, industry, and academia who have meticulously reviewed submissions to ensure the high quality of our presentations, tutorials, and workshops. This year's conference will again feature special sessions with congressional members, senior military leaders, and industry and academic experts, providing insights into the future of modeling, simulation, and training. Our Next Big Thing series promises a visionary look into how future concepts can become reality.

Our theme resonates across our military and among our allies and partners, who also leverage simulations to enhance decision-making and operational readiness. In facing diverse adversarial challenges, this conference highlights the innovation and research essential to our national defense.

I look forward to engaging with you this week and hope you take full advantage of the professional development and networking opportunities.

Welcome to I/ITSEC 2025.

Anne Little, Ph.D.

I/ITSEC 2025 Conference Chair



WELCOME ATTENDEES OF I/ITSEC 2025!

I am excited for you to participate in an outstanding five-day experience here at I/ITSEC! Our team of volunteers have prepared a full week of events and engagement opportunities across our modeling and simulation community focused on training and education solutions. This year's lead services, the Department of the Air Force, their Service Executives and Principals, in collaboration with NTSA, and the 300+ volunteers from industry, government, and academia have worked hard for the past 12 months to prepare this great program. Alongside these volunteers, Dr. Anne Little, our I/ITSEC 2025 Conference Chair, and I have created a comprehensive agenda with 122 Technical Papers, 49 Special Events, 33 Tutorials, and 9 Professional Development Workshops.

This year's conference theme *Optimizing Training: Ensuring Operational Dominance* gets to the heart of the I/ITSEC mission. We are focused on designing, developing, evaluating, and transitioning training and educational solutions leveraging modeling and simulation capabilities that make a quantified difference in operations. By implementing user-centered technological advances, our solutions aim to optimize learning, retention, and real-time support at the point of need to ensure operational efficiency and effectiveness that leads to mission success.

Those new to I/ITSEC – welcome! I encourage you to engage early by attending our Monday Tutorials, Congressional Caucus, and I/ITSEC Fellows presentation. On Tuesday morning be sure to attend the Opening Ceremonies and Senior Leader Panel, and take in some engaging paper presentations, Next Big Thing sessions, and Special Events Tuesday afternoon through Thursday. Our Professional Development Workshops will be held on Thursday afternoon, providing focused, hands-on experiences to enhance your educational experience while at I/ITSEC. Don't miss the over 190,000 sq. ft. exhibit floor with over 400 organizations showing their latest technologies and training systems open throughout the week. Here on the floor, you can also experience our EcosySTEM of Learning and I/ITSEC's Serious Game Showcase & Challenge.

To keep your busy schedule organized, I encourage you to download the I/ITSEC 2025 app. Our role-based persona schedule builder can help you plan your week, set reminders, give needed feedback, and allow you to prioritize your I/ITSEC experience.

Please support our two charity events that will benefit the Camradarie Foundation and the I/ITSEC STEM initiative. The first is the Earle L. Denton Memorial Golf Tournament on Sunday, 30 November, and the second is our 5K Run/Walk/Roll which will start at 0630 on Wednesday, 3 December in front of the OCCC South Concourse.

I look forward to engaging with you throughout the week and supporting our community in showcasing the best of the best in modeling and simulation for training and education.



Kelly Hale, Ph.D.

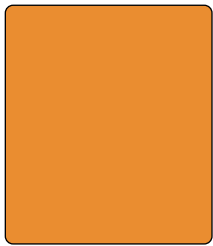
I/ITSEC 2025 Program Chair



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KEYNOTES



Bio

NAME

Title, Org



BOB RITCHIE
Chief Technology
Officer, SAIC

BOB RITCHIE is the chief technology officer of the software practice with SAIC's Strategy, Growth, and Innovation group, leading over 4,000 software engineers and providing technical direction and expertise for the enterprise modernization initiatives of SAIC's customers. His responsibilities include the strategic roadmap and investments for the software practice, supporting customer programs with DevSecOps teams, and leading SAIC in the areas of cloud native development, application modernization, agile development, and intelligent software.

Ritchie joined SAIC in 2006 as a senior principal software engineer. He has led several agile teams in developing, modernizing, migrating, and operating resilient, highly available, enterprise-scale software systems in the U.S. Navy, Marine Corps, Air Force, and the Defense Logistics Agency.

Prior to SAIC, he served as director of software engineering at Capital One, where he provided technical direction within an engineering organization of over 500 employees spanning multiple areas of expertise. He oversaw and guided the successful completion of major programs, including the enterprise migration of over 400 distributed applications from legacy data centers to full cloud infrastructure. He instilled DevSecOps best practices and reusable artifacts throughout the software engineering practice, highlighted by co-founding the Capital One DevOps Guild, an organization-wide effort.

Ritchie earned his Bachelor of Science in computer engineering from Virginia Tech. He holds all nine AWS certifications.



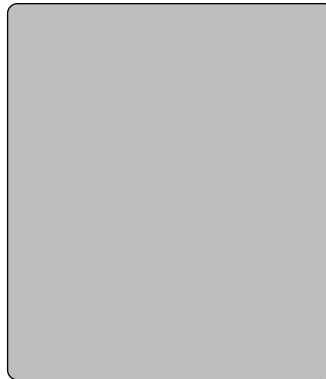
DOWNLOAD
MOBILE APP

SENIOR LEADER PANEL



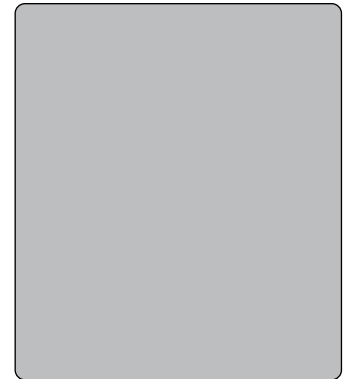
**VICE ADMIRAL SEAN
S. BUCK, USN (RET.)**

President, National Training and
Simulation Association (NTSA)



NAME

Title/Org



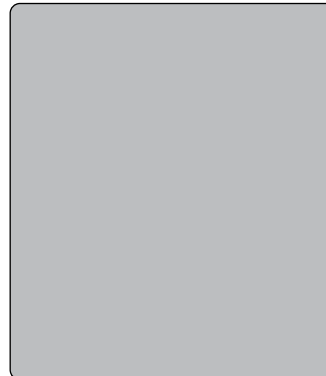
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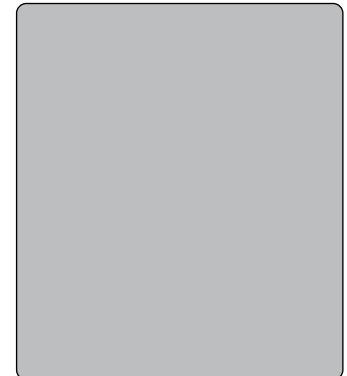
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Global defense forces today operate in an era of unpredictable budgets, rapidly evolving threats, and accelerating technological disruption. Militaries must remain prepared to operate and execute across a wide spectrum of missions—from humanitarian assistance and disaster relief to the increasing demands of near-peer competition. At the same time, nations are navigating both the opportunities and vulnerabilities presented by emerging technologies and persistent cybersecurity risks.

Our Senior Leader Panel will examine these challenges and opportunities within the framework of this year's theme: *Optimizing Training: Ensuring Operational Dominance*.

This distinguished panel brings together senior representatives from the U.S. Military Services, the Office of the Secretary of Defense, and key international allies. Following opening perspectives, the panel will move directly into an interactive conversation — fielding questions from the moderator and the audience. Attendees can also submit questions in advance for consideration..

This is more than a panel — it's a front-row seat to the strategies and priorities shaping tomorrow's force. A rare chance to hear directly from national and international defense leaders on the future of training, readiness, and deterrence. Don't miss the opportunity to gain first-hand insights into how our most senior decision-makers are shaping the way ahead.



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CONFERENCE LEADERSHIP

CONFERENCE CHAIR



ANNE LITTLE, PH.D.
SAIC
I/ITSEC 2025
Conference Chair

ANNE LITTLE, PH.D., is the Director of Customer Experience Solutions at SAIC in Reston, VA. Anne joined SAIC in 2017 as a Senior Solutions Architect designing simulation-based training solutions for a variety of government agencies. She has also led internal research and design (IRAD) efforts for a variety of product development efforts, most recently a cloud-native video hosting platform for organizational knowledge sharing.

She is a recognized thought leader for incorporating Design Thinking processes to deliver innovative learning solutions that align to business performance outcomes. And in her current role, she relies on her expertise in AI prompt engineering to transform workforce upskilling solutions, leading to the rapid development of training assets and increased learner achievement.

Anne has been a member of the I/ITSEC community since 2010, serving several times as Subcommittee Chair. She also chaired the Knowledge Management subcommittee for four years, supporting NTSA in the selection and launch of a conference management system. She has authored several I/ITSEC papers and was a Best Paper nominee in 2018.

Anne spent more than a decade of her early career in academia, teaching Math and Computer Science, grading AP (Advanced Placement) Computer Science exams for the College Board, and managing instructional technology integration programs.

She earned her bachelor's degree in mathematics from Purdue University, and her Master of Education and Ph.D., both in instructional technology, from George Mason University.

PROGRAM CHAIR



KELLY HALE, PH.D.
Draper
I/ITSEC 2025
Program Chair

KELLY HALE, PH.D., is a Distinguished Human Factors Engineer and Manager of the User Experience and Performance Group at Draper, an independent, nonprofit company focused on engineering solutions for the nation's toughest problems. She has 25+ years' experience in program management, applied research and development, and deployment of technology-based human centered solutions for government and commercial clients. Her work has provided real-time, data-driven, multimodal solutions that leverage human signals and capabilities in perception, situation awareness and cognition integrated with emerging technologies such as wearables, eXtended Reality devices, AI/ML, and autonomous systems. Throughout her career, Kelly has promoted a multidisciplinary, user-centered approach to research and development, ensuring that those responsible for completing a mission can do so with the upmost expertise through personalized training and operational solutions. With the ever-increasing speed of technology innovation and explosion of available datasets, Kelly has adapted human systems practices and policies to ensure user-centered solutions can be effectively transitioned via integrated agile deployments with tailored design reviews and user feedback loops to ensure success in learning and training transfer, leading to achieved mission goals. Kelly has participated in I/ITSEC since 2001, first as a graduate student from the University of Central Florida and then as an Industry representative of both small and nonprofit businesses. She is proud to have served the last 14 years volunteering in I/ITSEC leadership positions. Kelly received her B.Sc. in Kinesiology/Ergonomics from the University of Waterloo, Ontario, Canada, and her M.S. and Ph.D. in Industrial Engineering: Human Factors from the University of Central Florida.

CONFERENCE SPONSOR



VADM SEAN S. BUCK, USN (RET.)

President, National Training and Simulation Association

Vice Admiral Sean S. Buck, USN (Ret.) is the President of the National Training and Simulation Association (NTSA). VADM Buck is a seasoned leader with over 40 years of experience in commis-

sioned military service and higher education. He served as the 63rd Superintendent of the U.S. Naval Academy, where he led the institution through significant challenges, including the COVID-19 pandemic, ensuring continuous operations in support of its critical mission of developing the leaders of tomorrow for our nation. Throughout his career, he commanded at many levels, including as Commander of U.S. Fourth Fleet & Naval Forces Southern Command, where he was responsible for key security and humanitarian operations across the Americas. In his current role, VADM Buck leads NTSA in advancing the training, modeling, and simulation industry, representing and advocating for its membership that drives innovation in defense and technology sectors. His leadership extends to serving on advisory boards for Academy Securities, Synergist Technology, and First Command Financial Services, and contributing to the development of the U.S. Naval Academy's athletic programs. VADM Buck holds a Master's in Security Policy Studies from The George Washington University and has completed executive education at Harvard and MIT. His commitment to excellence continues to shape the future of training and simulation.



HON. DAVID L. NORQUIST

President and Chief Executive Officer, National Defense Industrial Association

The Hon. David L. Norquist is the President and Chief Executive Officer of the National Defense Industrial Association (NDIA). He has over 30 years of public and private sector experience in national security and federal financial management. This includes serving in three Senate confirmed positions: the Chief Financial Officer (CFO) of the Department of Homeland Security, the Under Secretary of Defense Comptroller/CFO and most recently the 34th Deputy Secretary of Defense. He began his career as a civil servant, supporting Army intelligence as a program/budget analyst with assignments on the Army staff, a major command, a defense agency, and at an overseas field site. Following his time with the Army, Mr. Norquist served for six years with the House Appropriations Subcommittee on Defense as a professional staff member. He later served for eight years as partner with Kearney and Company, a certified public accounting firm focused exclusively on the federal government. Mr. Norquist is a graduate of the University of Michigan, where he received a Bachelor of Arts in Political Science and a Master's Degree in Public Policy. He also holds a Master's Degree in National Security Studies from Georgetown University.



U.S. AIR FORCE SERVICE EXECUTIVE

MR. RODNEY STEVENS, a member of the Senior Executive Service, serves as the Program Executive Officer (PEO) for the Training Directorate, where he leads more than 1,500 personnel and manages a budget exceeding \$7.4 billion. In this role, he provides strategic direction and senior-level oversight in the development, acquisition, and sustainment of simulation and training systems supporting nine Major Commands (MAJCOMs) and over twenty international partner nations. Mr. Stevens is responsible for delivering integrated, mission-ready training solutions that enhance warfighter readiness and coalition interoperability. His portfolio responsibilities include over 2,400 major weapon system simulators, advanced training capabilities such as the Joint Simulation Environment, the Air Force's newest pilot trainer the T-7A Red Hawk, and over 1,500 fielded legacy training aircraft such as the T-6, T-38 to name a few. Mr. Stevens was commissioned in 1999 from East Carolina University's ROTC Det 600 where he earned a Master of Business Administration from East Carolina University. He also holds a Master of Science in National Resource Strategy from the Eisenhower School, is a graduate of Air Command and Staff College and was a National Defense Legislative Fellow. Over his distinguished career, Mr. Stevens has held a variety of leadership positions, including serving as a two-time Deputy PEO, a Materiel Leader, Maintenance Operations Officer, along with several others on various Headquarter Staffs. He retired from the United States Air Force in the rank of Colonel.



U.S. SPACE FORCE SERVICE EXECUTIVE

COLONEL COREY KLOPSTEIN, USSF is the Program Executive Officer (PEO), Operational Test and Training Infrastructure (OTTI), Space Systems Command, Los Angeles Air Force Base, Calif. Col. Klopstein leads a combined team of military, government civilians, and contractors at two geographically separated units in the execution of a \$4B+ portfolio to create a robust, enduring OTTI. These advanced systems provide the foundation for High-End Advanced Test, Training, and Tactics Development by all Guardians. As PEO OTTI, Col. Klopstein's portfolio includes the National Space Test and Training Complex (NSTTC) and enterprise Space Training systems providing interconnected, scalable, and distributed physical and digital ranges for full-spectrum test and training capabilities for the joint warfighter. Col. Klopstein has served in a variety of acquisition, staff, and command assignments at many levels across the Space Force, Air Force, and Department of Defense. He recently served as Chief of the Analysis Branch in the Force Structure, Resources, and Assessment Directorate on the Joint Staff, Executive Officer to the Space and Missile Systems Center (SMC) Commander, Materiel Leader of the Enhanced Polar System, and Branch Chief on the United States Air Forces in Europe staff. Prior to this position, Col. Klopstein was the Senior Materiel Leader of the Warfighter Enterprise Acquisition Delta. The Warfighter Enterprise team developed and fielded Cyber, Test, Training, and Electromagnetic Spectrum Operations (EMSO) capabilities to counter current and evolving threats within the space domain.

tion Delta. The Warfighter Enterprise team developed and fielded Cyber, Test, Training, and Electromagnetic Spectrum Operations (EMSO) capabilities to counter current and evolving threats within the space domain.



U.S. ARMY SERVICE EXECUTIVE

BRIGADIER GENERAL CHRISTINE A. BEELER, USA, is the program executive officer (PEO) of the U. S. Army Program Executive Office Simulation Training and Instrumentation (PEO STRI) headquartered in Orlando, Florida. PEO STRI executes a multi-billion-dollar testing, training, and threat portfolio annually, and is staffed by more than 1,200 military, government civilian and service support contractors. The organization also manages a Foreign Military Sales program which supports more than 65 countries. Before assuming the charter as PEO, Brigadier General Beeler served as the commanding general of the U. S. Army Contracting Command (ACC) headquartered at Redstone Arsenal, Huntsville, Alabama. Prior to ACC, Brigadier General Beeler served as the Commanding General for the U.S. Army Mission and Installation Contracting Command at Joint Base San Antonio-Sam Houston, Texas. Brigadier General Beeler was a distinguished military graduate and commissioned as a second lieutenant in the Ordnance Corps through the Army ROTC program at Boston University in 1991, where she earned a Bachelor of Science in Business Administration. She began her Army Acquisition career in 2001, and is certified in Defense Contracting, Program Management and Logistics. Her advanced education includes a Master of Arts in Administration and Management from Bowie State University, Prince George's County, Maryland; a Master of Public Administration in Environmental Management from Jacksonville State University, Jacksonville, Alabama; and a Master of Business Administration from Webster University. Brigadier General Beeler's military education includes a Master of Science in Strategic Studies from the U.S. Army War College. She is a graduate of the U.S. Army Command and General Staff College.



U.S. NAVY SERVICE EXECUTIVE

CAPTAIN ROB BETTS, USN, assumed command of NAWCTSD and NSA Orlando on May 15th, 2025. He is a 1999 graduate of the Georgia Institute of Technology and received his commission through NROTC. He also holds a master's degree in Modeling, Virtual Environments, and Simulations (MOVES) from the Naval Postgraduate School. Betts's major acquisition tours include deputy for the F-35 Lightning II Human Factors Integration Team and Joint Cockpit Working Group; integrated product team lead for the AIM-9X Block II and Block II+; assistant program manager for systems engineering for the F-35C; executive assistant to the F-35 Lightning II Program Executive Officer; program manager for F-35 Training Systems and Simulations; Ready Relevant Learning Training System Program Manager; and Naval Air Warfare Center Training Systems Division Executive Officer.



U.S. MARINE CORPS SERVICE EXECUTIVE

COLONEL WYNNDEE M. YOUNG, USMC, a native of Oak Harbor, WA, brings a wealth of experience as the Program Manager for Training Systems (PM TRASYS). A graduate of Hampton University with a Bachelor of Science in Accounting, she commissioned in 2002 and since she honed her expertise in logistics and contracting through diverse assignments. Her career included roles as a Supply Officer in Okinawa, Japan, managing critical equipment transfers, and as the S-4 Officer at Camp Fuji, overseeing logistical support for training units. Transitioning to Parris Island, SC, she served as a Series and Company Commander, followed by a role as Headquarters and Service Battalion's S-4 Officer. After completing the Contracting Officer Course, she served as a Contingency Contracting Officer with Combat Logistic Regiment 27 and deployed to Afghanistan, managing construction and various contracts in Helmand Province. Colonel Young further served as a Contracting Advisor at II Marine Expeditionary Force and deployed with the Operational Coordination Center Regional Southwest Security Force Advise and Assist Team as a Supply Officer Advisor to the Afghan Army. After attending Marine Corps Command and Staff College, she directed the III MEF Regional Contracting in Okinawa, leading multinational exercise planning. She then served as Executive Officer, Combat Logistics Battalion 7. In 2018, she deployed to Iraq with Task Force Spartan, managing base operations support integration, including contracted support. Prior to assuming duty as the Program Manager for PM TRASYS, she shaped Operational Contract Support policy at Headquarters Marine Corps, then supported the Program Manager Wargaming Capability. As Deputy Program Manager for Communication Systems, she managed teams developing critical communication equipment. In April of 2023, Col Young assumed duty as the Program Manager for Wargaming Capability, she spearheaded efforts to enhance wargaming technology. Colonel Young holds a Master of Business Administration and a Master of Science in Military Studies.



OSD EXECUTIVE LTC PAUL KUNNAS tbd



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PRINCIPALS

SERVICE PRINCIPALS



HEATH MORTON
U.S. AIR FORCE

Training Systems Technical Advisor,
Air Force Materiel Command (AFMC)



KING MOLDER
U.S. SPACE FORCE

Director of Engineering, Operational Test
and Training Infrastructure (OTTI)



DEBRA A. DAWSON
U.S. ARMY

Office of the Director, Strategic
Engagements, U.S. Army Combat
Capabilities Developmental Command
Soldier Center (DEVCOM SC)



MATT WILLIAMS
U.S. NAVY

Chief Strategist, Naval Air Warfare Center
Training Systems Division (NAWCTSD)



MICHAEL LeMORTA
U.S. MARINE CORPS

Operations Manager, Program Manager
for Training Systems (PM TRASYS),
Marine Corps Systems Command
(MARCORSYSCOM)

OSD PRINCIPAL



GINA TYRRELL

Office of the Under Secretary of
Defense for Research and Engineering
(OUSD(R&E)) & U.S. Army Transportation
Systems Management and Operations
(TSMO)

SERVICE BOOTHS

USAF	1239/149
USSF	1339
U.S. Army PEO STRI	1333/2135
PM TRASYS/TECOM	1233
NAWCTSD/U.S. Navy	1239/149



TIME	SESSION	LOCATION
WEDNESDAY • 26 NOVEMBER 2025		
0800	Exhibitor Registration Opens	South Concourse
1700	Exhibitor Registration Closes	
THURSDAY • 27 NOVEMBER 2025 • CLOSED FOR THANKSGIVING		
FRIDAY • 28 NOVEMBER 2025 AND SATURDAY • 29 NOVEMBER 2025		
0800	Exhibitor Registration Opens	South Concourse
1700	Exhibitor Registration Closes	
SUNDAY • 30 NOVEMBER 2025		
0800	Exhibitor Registration Opens	South Concourse
1200	Conference Registration Opens	South Concourse
1200	Satellite Registration Opens	Hyatt Regency Main Lobby
1800	All Registrations Close	
MONDAY • 1 DECEMBER 2025		
0700	Conference and Exhibit Registration Open	South Concourse
0730	Satellite Registration Opens	Hyatt Regency Main Lobby
0830 – 1000 TUTORIALS (Synopsis begin on page 69)		
	General Generative AI – Applying Off-the-Shelf GenAI Tools to Wargaming	Room 330EF
	Navigating the AI Acceleration: Generative AI and Beyond	Room 310AB
	Machine Learning: An Introduction for Humans	Room 310CD
	Introduction to Defense Modeling and Simulation	Room 330AB
	A Practical Guide to Using Open Tools for Well-Defined Competencies – Learning Engineering of Multi-Platform, Multi-Domain, Mission-Ready Skills Definitions	Room 320A
	Signal Modeling: From Spectrum Analyzers to Mixed Reality	Room 320B
	DIS Tutorial	Room 320C
	Sensory Factors Underlying Cybersickness: Mechanisms and Implications	Room 320D
	Simulation Conceptual Modeling Theory and Use Cases	Room 320E
	Simulated Systems – Real ROI with Application to Future Systems	Room 320F
	Exercises and Experiments: How They Can Play in Campaigns of Learning	Room 320G
1030 – 1200 Signature Event: Congressional M&S Caucus		
Room 330CDGH		
1030 – 1200 TUTORIALS (Synopsis begin on page 72)		
	Quantifying Training Value in the Age of Immersive Simulation	Room 330EF
	An Introduction to Cognitive Systems for Modeling & Simulation	Room 310AB
	Building the Bridge: Evolving V&V Methods to Address AI Driven Simulation	Room 310CD
	Live, Virtual and Constructive (LVC) Interoperability 101	Room 330AB
	Game Engines for Military Use 101	Room 320A
	Effective XR Space Domain Training for Guardian Proficiency	Room 320B
	Introduction to HLA 4 for the Cloud	Room 320C
	MedSim Academy	Room 320D
	Accreditation of Simulation-Based Experiments: Beyond the M&S	Room 320E
	Harnessing Physiology for Peak Human Performance in Training and Simulation	Room 320F
	End to End XR Training: Innovative Strategies for Seamless Content Generation and Trainee Engagement	Room 320G
1245 – 1415 TUTORIALS (Synopsis begin on page 76)		
	Beyond the Hype: A Strategic Framework for Keeping Up with AI	Room 330EF
	Practical Use of (Emerging) Learning Technologies	Room 310AB
	Architecting Compound AI for Training and Augmenting Human-AI Teams	Room 310CD
	A Process for Distributed LVC Integration and Execution	Room 330AB
	Scenario-Centered Learning: Methods for Situational Training in a Volatile World	Room 320A
	From Simulation to Reality: Combatting Social Engineering with Serious Games	Room 320B
	Achieving Secure and Scalable Interoperability: OMG DDS for MOSA-Compliant LVC Training	Room 320C
	Minimizing Cybersickness in the Design, Implementation and Management of Learning Systems with Virtual Environments	Room 320D
	Simulation and the Cyber-Secure Hybrid Cloud (CSHC)	Room 320E
	But How Do You Know They Learned That?	Room 320F
	Building 3D Environments for Simulation: Standards and Best Practice	Room 320G



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AGENDA

1400	EXHIBITS OPEN	Exhibit Hall
1430 – 1600	FOCUS EVENT: Certified M&S Professional 3.0	Room 320A
1530 – 1700	FOCUS EVENT: Black Swan – The Four Horsemen of AI	Room 330CDGH
1600 – 1730	FOCUS EVENT: 2025 I/ITSEC Fellows Presentation	Room 330EF
1600 – 1730	FOCUS EVENT: A Joint Service M&S Certificate for Learning Professional	Room 330AB
1800	EXHIBITS CLOSE	
1800	ALL REGISTRATION STATIONS CLOSE	
TUESDAY • 2 DECEMBER 2025		
0700	CONFERENCE AND EXHIBIT REGISTRATION OPEN	South Concourse
0730	SATELLITE REGISTRATION OPENS	Hyatt Regency Main Lobby
0800 – 1030	OPENING CEREMONIES Call to Order • Presentation of Colors • National Anthem • Invocation OPENING REMARKS Anne Little, Ph.D., I/ITSEC 2025 Conference Chair DAF KEYNOTE  Name Title, Company INDUSTRY KEYNOTE  Bob Ritchie Chief Technology Officer, SAIC	Hyatt Windermere Ballroom
1030 – 1200	SIGNATURE EVENT: Senior Leader Panel	Hyatt Windermere Ballroom
1200	EXHIBITS OPEN	Exhibit Hall
1200 – 1330	LUNCH (Opening of Exhibits and Lunch will occur at 1200 or upon adjournment of the DAF Keynote)	Exhibit Hall
1400 – 1530	PAPER SESSIONS (Title/Author list begins on page 85. Session schedules for this time frame are on page 82.)	Room 320A-G
1400 – 1530	SIGNATURE EVENT: Modern & Emergent Technologies for SOF Readiness	Room 330AB
1400 – 1530	SIGNATURE EVENT: Conversation on Training with DAF Leaders	Room 330CDGH
1400 – 1530	FOCUS EVENT: The Future of Healthcare Simulation	Room 310CD
1400 – 1530	NEXT BIG THING: Future Concepts	Destination Lounge
1600	SATELLITE REGISTRATION STATION AT HYATT REGENCY CLOSES	
1600 – 1730	PAPER SESSIONS (Title/Author list begins on page 85. Session schedules for this time frame are on page 82.)	Room 320BDEF, 330EF
1600 – 1730	SIGNATURE EVENT: Breaking through Barriers	Room 330CDGH
1600 – 1730	FOCUS EVENT: Evolution of Military Healthcare Training – Senior Leader Perspectives	Room 310CD
1600 – 1730	FOCUS EVENT: Joint Senior Enlisted Panel	Room 310AB
1600 – 1730	NEXT BIG THING: Future Training Concepts	Destination Lounge
1600 – 1730	COMMUNITY OF INTEREST: Digital Environments Supporting DoD M&S, Training, Digital Engineering	Room 330AB
1700 – 1830	EXHIBITOR NETWORKING EVENT	Exhibit Hall
1800	CONVENTION CENTER REGISTRATION CLOSES	
1800	Senior Leaders Networking Hour and NTSA M&S Awards Dinner (INVITATION ONLY)	Hyatt Regency
1830	EXHIBITS CLOSE	

WEDNESDAY • 3 DECEMBER 2025

0630	5K WALK, RUN OR ROLL CHARITY RACE	South Concourse
0700	CONFERENCE AND EXHIBIT REGISTRATION OPEN	South Concourse
0830 – 1000	PAPER SESSIONS (Title/Author list begins on page 85. Session schedules for this time frame are on page 83.)	Room 320ABCDEFG
0830 – 1000	SIGNATURE EVENT: Marine Corps General Officer Panel	Room 330AB
0830 – 1000	FOCUS EVENT: USSF Training & Operations Panel	Room 310AB
0830 – 1000	COMMUNITY OF INTEREST: Army Live Training – Current & Future	Room 310CD
0830 – 1000	COMMUNITY OF INTEREST: Acquisition Transformation – The Convergence of Test & Training	Room 330EF
0830 – 1000	PROGRAM BRIEF: USAF PEO Training: Acquisition Update	Room 330CDGH
0930	EXHIBITS OPEN	Exhibit Hall
1000 – 1130	FOCUS EVENT: Best from Around the Globe	Innovation Showcase
1030 – 1200	PAPER SESSIONS (Title/Author list begins on page 85. Session schedules for this time frame are on page 83.)	Room 320ABCDEFG
1030 – 1200	SIGNATURE EVENT: Navy Flag Officer Panel	Room 310AB
1030 – 1200	SIGNATURE EVENT: Cutting Edge Innovation – Rapidly Advancing M&S to Support Joint All-Domain Training	Room 330CDGH
1030 – 1200	FOCUS EVENT: Electromagnetic Spectrum Impacts on DOD Training	Room 330EF
1030 – 1200	NEXT BIG THING: Spatial Computing and World Modeling	Destination Lounge
1030 – 1200	PROGRAM BRIEF: PM TRASYS – Acquisition Update	Room 330AB
1200 – 1330	LUNCH	Exhibit Hall
1300 – 1600	COMMUNITY OF INTEREST: NTSA Career Fair at I/ITSEC	Room 210A
1330 – 1500	PAPER SESSIONS (Title/Author list begins on page 85. Session schedules for this time frame are on page 84.)	Room 320ABCDEF
1330 – 1500	SIGNATURE EVENT: Naval Aviation Flag Officer Panel	Room 310AB
1330 – 1500	FOCUS EVENT: Women in Modeling and Simulation	Room 330EF
1330 – 1500	FOCUS EVENT: Training & Readiness Accelerator II (TRex II)	Room 310CD
1330 – 1500	NEXT BIG THING: Human/Machine Teaming	Destination Lounge
1330 – 1500	COMMUNITY OF INTEREST: How Optimizing Digital Wargaming Results Influence Training & Strategic Innovation for Military Service	Room 330AB
1530 – 1700	PAPER SESSIONS (Title/Author list begins on page 85. Session schedules for this time frame are on page 84.)	Room 320 ABCD
1530 – 1700	SIGNATURE EVENT: Joint Development, Education, and Training Panel	Room 330CDGH
1530 – 1700	FOCUS EVENT: AF MAJCOM Panel	Room 310CD
1530 – 1700	NEXT BIG THING: Quantum Computing	Destination Lounge
1530 – 1700	COMMUNITY OF INTEREST: Application of Data Science In Naval LVC Training Environment for Improved Performance	Room 310AB
1530 – 1700	COMMUNITY OF INTEREST: Common Synthetic Environment for NATO Multi Domain Operations	Room 310AB
1530 – 1700	PROGRAM BRIEF: USSF Operational Test & Training Infrastructure Acquisition Update	Room 330EF
1800	ALL REGISTRATIONS CLOSE	
1800	EXHIBITS CLOSE	

THURSDAY • 4 DECEMBER 2025

0700	CONFERENCE AND EXHIBIT REGISTRATION OPEN	South Concourse
0830 – 1000	PAPER SESSIONS (Title/Author list begins on page 85. Session schedules for this time frame are on page 84.)	Room 320AABC
0830 – 1000	FOCUS EVENT: Push & Pull: Science & Technology for Future Training Environments	Room 330CDGH
0830 – 1000	NEXT BIG THING: Wearables and Human Sensors	Destination Lounge
0830 – 1000	COMMUNITY OF INTEREST: Common Synthetic Environment for NATO Multi Domain Operations	Room 330AB
0830 – 1000	PROGRAM BRIEF: Navy Vision From Training Systems Program Managers	Room 330EF
0930	EXHIBITS OPEN	Exhibit Hall
1030 – 1200	PAPER SESSIONS (Title/Author list begins on page 85. Session schedules for this time frame are on page 84.)	Room 320ABC
1030 – 1200	FOCUS EVENT: Fleet Training Wholeness: How Navy Training Needs are Turned into Industry Solutions	Room 330EF
1030 – 1200	FOCUS EVENT: Joint All-Domain Non-Kinetic Training – Connecting Live, Virtual And Constructive Environments & Ranges	Room ????
1100 – 1500	PROGRAM BRIEF: Army Acquisition Update (TSIS Updates)	Room 330CDGH



HAVE QUESTIONS? ASK BLU!
TEXT "HI" TO 866.653.1575
OR
SCAN THE QR CODE! →



AGENDA

1200 – 1330	LUNCH	Exhibit Hall
1300	SERIOUS GAMES SHOWCASE & CHALLENGE AWARDS CEREMONY	Innovation Showcase
1300 – 1600	PROFESSIONAL DEVELOPMENT WORKSHOPS (Synopsis begin on page 92.)	
	PDW 1: Leveraging AI-Enhanced Coding Tools to Rapidly Create & Deploy Web Applications for Naval Training	Room 331A
	PDW 2: Serious Game Design Workshop	Room 331C
	PDW 4: Foundations of Artificial Intelligence in Training and Simulation	Room 230H
	PDW 5: Additive Manufacturing in Action – A Hands-On Workshop for Acquisition, Sustainment, and Strategic Advantage	Room 331D
	PDW 7: Navigating the Evolving Landscape of Distributed Simulation – Harnessing DDS for Secure and MOSA-Compliant LVC Training	Room 331B
	PDW 9: Certified M&S Professional 3.0 – Reinvention!	Room 230G
	PDW 11: Starship Bridge Simulations as a Serious Game for Team Development	Room 330EF
	PDW 12: Disrupt, Design, Deploy: A Human Centered Approach to Learning and Development	Room 210C
	PDW 13: Neuroscience Techniques to Accelerate and Enhance Training Through Personalization: A Focus on EEG, fNIRS, and Eye Tracking Biometrics	Room 210B
	PDW 15: Advancing Counter-Explosive Ordnance (EO) Training with Immersive Technology – A Hands-On Workshop	Room 320H
1500	EXHIBIT HALL AND REGISTRATION CLOSE	
1800	HOSTED RECEPTION Sponsored by Lockheed Martin Corporation	Hyatt Windermere Ballroom
1900	CONFERENCE AWARDS BANQUET	Hyatt Windermere Ballroom

Reception & Awards

I/ITSEC 2025 Scholarship Presentations

- RADM Fred Lewis Postgraduate Scholarships
- Leonard P. Gollobin Postgraduate Scholarships
- CMSP Postgraduate Scholarship
- Barbara McDaniel Undergraduate Scholarships
- RADM James A. Robb Scholarship Program

Best Tutorial Award Presentation
Best Paper Award Presentation
Passing of the Flag for I/ITSEC 2026
Post Dinner Networking

DRESS CODE

BRANCH

Navy
Marine Corps
Air Force
Space Force
Army
Coast Guard
Civilian

CONFERENCE AND GENERAL SESSIONS

Service Khaki, Navy Service Uniform (Speakers – Service Dress Blue)
Service "C" (Speakers – Service "A")
OCPs or Flight Suit (Speakers – Service "A")
OCPs (Speakers – Service Dress)
Exhibit Floor/Attendees – ACUs or Duty Uniform (Speakers – ASUs, Class A's)
Tropical Blue Long
Business Attire

BANQUET

Dinner Dress White (Service Dress White Optional)
Evening Dress (Dress Blue "A" or Service "A" Optional)
Mess Dress or Semi-Formal
Mess Dress or Semi-Formal
Army Dress Blues (Army Evening Mess Optional)
Dinner Dress White (Service Dress White Optional)
Black Tie (Optional)/Business or International Traditional Costume

I/ITSEC SUPPORTS OUR WARFIGHTERS, FIRST RESPONDERS, AND FAMILIES

For more information visit IITSEC.org/Attend/Charities-at-IITSEC



EcosySTEM OF LEARNING AT I/ITSEC

The EcosySTEM of Learning (EoL) focuses on strategically and tactically building interest and educational momentum through a wide breadth of Science, Technology, Engineering and Mathematics (STEM) initiatives. The EoL mission is to establish, nourish, and maintain a solid foundation for launching future leaders and fostering the future workforce.

Designed for agility and diversity, the EoL is built upon four major cornerstones. Each cornerstone is comprised of initiatives which provide impactful substance to the EoL architecture and to those who engage.

OUTREACH

ENCOUNTERS THROUGH OBSERVATION, INTERACTION, AND IMMERSION.

- Student Tours
- Interaction with STEM focused organizations
- Path for year round engagement opportunities

DISCOVERY DEN

PLATFORMS PROMOTING PRESENTATION SKILLS AND SHARING OF SUBJECT MATTER EXPERTISE.

- Informative Exhibits
- Serious Games Showcase & Challenge
- Presentation Theatre

FOCUSED WORKSHOPS

CURRICULUM THROUGH CLASSES, SHORT COURSES, SEMINARS AND MORE.

- Teacher Focused
- Student Focused
- Workforce Development

CAREER INVESTMENT

ADVANCEMENTS WITH LONG TERM PROFESSIONAL GOALS IN MIND.

- Tutorials
- Professional Development Workshops
- Scholarship Program
- Career Fair
- Continuing Education Units (CEUs)
- University Collaboration

BOOTHS 2383 – 2594

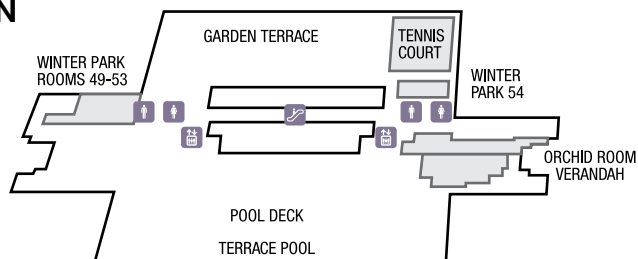


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HYATT REGENCY

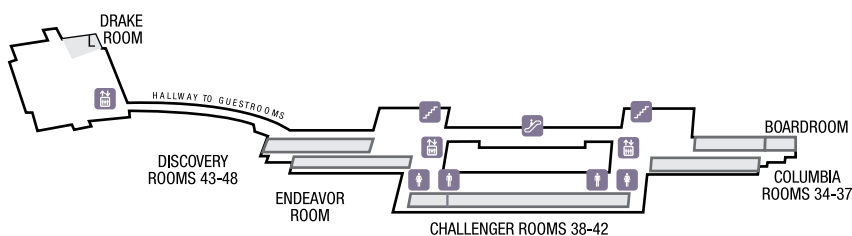
RECREATION LEVEL



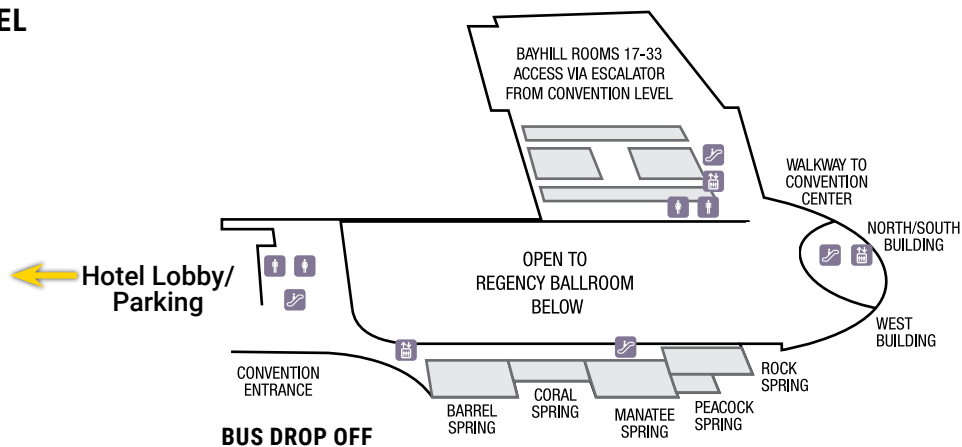
KEY

- Restrooms
- Escalator
- Stairway
- Elevator
- Information
- ATM

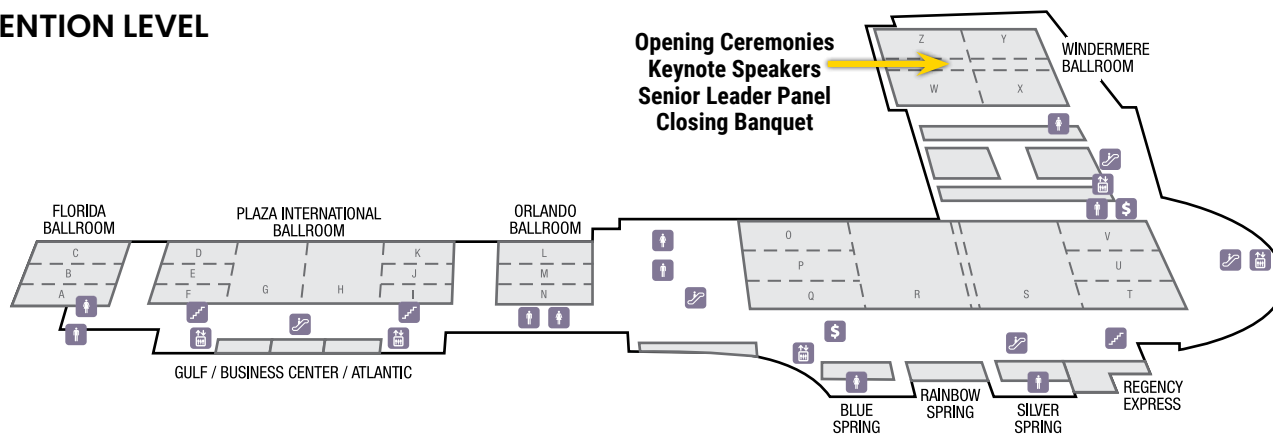
MEZZANINE LEVEL



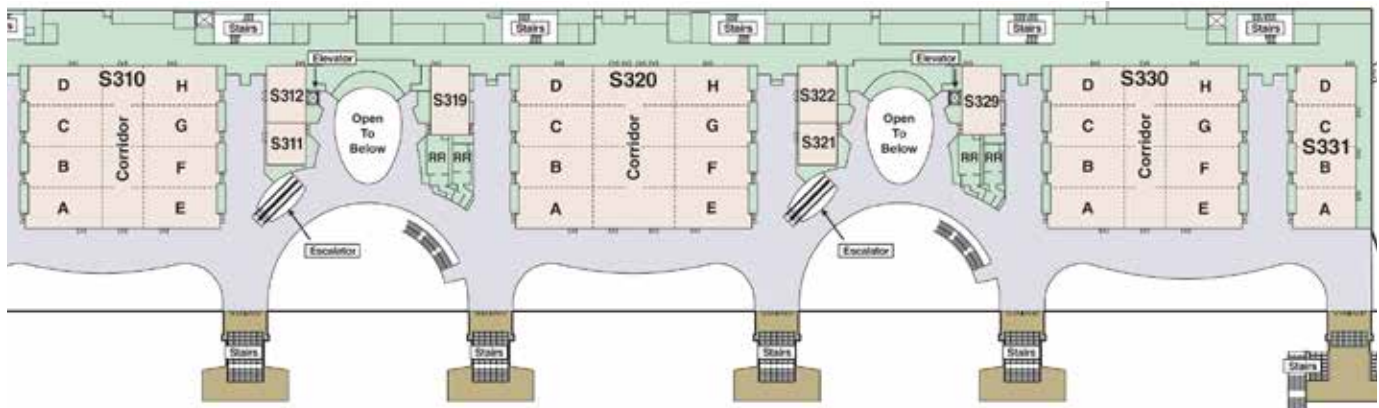
ENTRY LEVEL

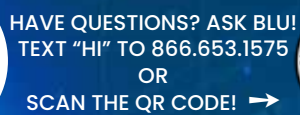


CONVENTION LEVEL



LEVEL 2
(ENTRY / REGISTRATION /
EXHIBIT HALL)



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