Tuesday, 31 August (all times in Eastern Daylight Time, GMT-4) Online Live Presentations

ALL DAY	**iFEST CONFERENCE PLATFORM** | Browse pre-recorded presentations, posters, exhibits, and more!
9:00–9:15 a.m.	**INTRODUCTORY ADDRESS** • RADM James A. Robb, USN (Ret), President, National Training & Simulation Association • Sae Schatz, Ph.D., iFEST Senior Government Advisor, Director, ADL Initiative
9:15–10:00 a.m.	**GOVERNMENT KEYNOTE SESSION | Mr. Dustin Brown** • Dustin Brown, SES, Deputy Assistant Director for Management, OMB • *Session moderator: Sae Schatz, Ph.D., Director, ADL Initiative*
	10-MINUTE BREAK | Exhibits and Virtual Platform Open
10:10–11:30 a.m.	**PANEL | Learning and Thriving in the New Normal** *Discussion among diverse experts on the relationship between distributed learning and thriving in the 21st century* • Rebecca Allyn, Education to Workforce Statewide Workforce to Dev. Lead, Amazon Web Services • Brian Gonzalez, Global Director, Government Partnerships & Initiatives, Intel Corporation • Tim Quine, Deputy Vice-Chancellor for Education, University of Exeter • Anthony Salcito, Vice President - Worldwide Education, Microsoft • Sarah Toms, Executive Director, Wharton Interactive • *Moderators: Nunzio Quacquarelli, CEO, QS Quacquarelli Symonds, and Jerry Wind, Ph.D., Emeritus Professor, The Wharton School, Co-Founders of Reimagine Education Awards*
	60-MINUTE BREAK | Exhibits and Virtual Platform Open
12:30–12:35 p.m.	**INTRODUCTORY ADDRESS** • Jason Briefel, Director of Policy and Outreach, Senior Executives Association
12:35–1:20 p.m.	**LEGISLATIVE KEYNOTE SESSION | Congressman Robert C. "Bobby" Scott (D-VA)** • Rep. Robert C. "Bobby" Scott (D-VA), Chair, U.S. House Committee on Education and Labor • *Session moderator: Jason Briefel, Director of Policy and Outreach, Senior Executives Association*
	10-MINUTE BREAK | Exhibits and Virtual Platform Open
1:30–3:00 p.m.	**PANEL | Bridging the Gap: Digital Learning Acquisitions Discussion with Government and Industry** *Fishbowl conversation between Government and Industry on acquisition opportunities, questions, and challenges* • Britaini Carroll, Human Capital Principal Director, Workforce Transformation, Accenture Federal • Matthew T. Cornelius, Executive Director, Alliance for Digital Innovation • Ben Petro, Ph.D., SES, Director, Human Systems, OSD Research & Engineering • John Schwartz, Head of Global Business Development, edX • Jason Tyszko, VP, Center for Education and Workforce, U.S. Chamber of Commerce Foundation • *Moderator: JJ Walcutt, Ph.D., President/CEO, Clay Strategic Designs*
	30-MINUTE BREAK | Exhibits and Virtual Platform Open
3:30–5:00 p.m. WAR ON ROCKS	**WAR ON THE ROCKS PANEL | Learning, Development, and Data…on the Rocks!** *Live streaming event featuring a VIP panel (with podcast recording), supported by War on the Rocks* • Sen. Lisa Murkowski (R-AK), Member, Committee on Health, Education, Labor, and Pensions (Invited) • Maj. Gen. Andrea D. Tullos, Commander of Second Air Force, Keesler Air Force Base (Invited) • BG Charles T. Lombardo, Deputy Commanding General, CAC-T, U.S. Army Combined Arms Center • The Hon. Alan R. Shaffer, Regent, Potomac Institute for Policy Studies and former Deputy Under Secretary of Defense for Acquisition and Sustainment • *Moderator: Ryan Evans, Founder and CEO, War on the Rocks* • *Special Guest: Mackenzie Conway, Bar Manager, Beuchert's Saloon, Washington, D.C. (Invited)*
5:00–6:00 p.m.	**VIRTUAL CONFERENCE** | Virtual Exhibits, Posters, and Asynchronous Pre-recorded Video Sessions *Visit the exhibits and other activities in the virtual platform!*

Wednesday, 1 September (all times in Eastern Daylight Time, GMT-4) Online Live Presentations

ALL DAY	**iFEST CONFERENCE PLATFORM** | Browse pre-recorded presentations, posters, exhibits, and more!
9:00–9:05 a.m.	**INTRODUCTORY ADDRESS** • Keith Beurskens, DM, Deputy, Directorate of Academic Affairs, Army University
9:05–10:00 a.m.	**MILITARY KEYNOTE SESSION | MG Donn H. Hill** • MG Donn H. Hill, Provost, Army University • *Session moderator: Keith Beurskens, DM, Deputy, Directorate of Academic Affairs, Army University*
	15-MINUTE BREAK | Exhibits and Virtual Platform Open
10:15–11:45 a.m.	**PANEL | Modernizing Training for Integrated Operations** *Discussion among defense leaders on collaborative training and education among allies and partners* • Spencer Boyer, Deputy Assistant Secretary of Defense for European and NATO Policy, DoD (Invited) • Fred Engle, (Acting) Deputy Asst. Secretary of Defense for Force Education and Training, USA • BG Ilmars A. Lejins, Asst. Chief of Staff Joint Force Development, NATO ACT • BGen Michael Nilsson, Chief of Defence Logistics, Swedish Armed Forces (Invited) • Zoran Sajinović, Assistant Minister of Defense, Bosnia and Herzegovina • MG Serhii Salkutsan, National Defense University, Ukraine (Invited) • *Moderator: Aaron Presnall, Ph.D., President, Jefferson Institute*
	60-MINUTE BREAK | Exhibits and Virtual Platform Open
12:45–2:15 p.m.	**PANEL | Innovation in Government Learning Systems** *Discussion among government leaders on how their organizations are modernizing digital learning systems* • Peter Bonner, Associate Director, Human Resources Solutions, Office of Personnel Management (Invited) • Daniel Correa, Director, Day One Project, and Acting President, Federation of American Scientists • Amy Parker, Chief Learning Officer, Dept. of Veterans Affairs • Alicia Sanchez, Ph.D., Director of Innovation, DAUx • *Moderator: Frank Kelley, SES, Vice President, Defense Acquisition University*
2:15–2:30 p.m.	**WRAP-UP** *Closing discussion for the live event and plans for 2022* • Angie Gamble, Ph.D., Training Systems Management Specialist, CAC-T ATSC, 2022 iFEST Chair • James Goodell, Senior Analyst, QIP • Christopher Hardy, Ph.D., Strategic Planning and Program Evaluation, Defense Acquisition University • Frank Kelley, SES, Vice President, Defense Acquisition University
2:30–5:00 p.m.	**VIRTUAL CONFERENCE** | Virtual Exhibits, Posters, and Asynchronous Pre-recorded Video Sessions *Visit the exhibits and other activities in the virtual platform!*

Thursday, 2 September (all times in Eastern Daylight Time, GMT-4) Online Live Activities

ALL DAY	**iFEST CONFERENCE PLATFORM** | Browse pre-recorded presentations, posters, exhibits, and more!
9:00–9:45 a.m.	**CONCURRENT ACTIVITY SESSIONS (Live)** • **Start Making Sense: Integrating Learning Engineering into a Team** Dina Kurzweil, Ph.D., Asst. Professor of Medicine, Director ETI, Uniformed Services University Health Sciences (USUHS) • **From IdeaScale to Scaling an Idea: Learning Innovation at Joint Base Andrews** Shelly Blake-Plock, CEO, Yet Analytics • **The Anatomy of an Effective Webinar** Gigi Roman, ADL Coordinator, NATO School Oberammergau, Germany • **CaSS (or Competency) Users Group Part I** Robby Robson, Ph.D., CEO, Eduworks
	15-MINUTE BREAK | Exhibits and Virtual Platform Open
10:00–10:45 a.m.	**CONCURRENT ACTIVITY SESSIONS (Live)** • **From Classroom to Online to Blended Training: A Challenge Workshop toward Effective Blended Learning** Bill Brantley, Ph.D., Adjunct Professor, University of Maryland • **Publish an Augmented Reality Training Module in Under an Hour Using the BUNDLAR Platform** Matthew Wren, Chief Technology Officer, BUNDLAR, LLC • **Transform Your Training Simulations and Learning Platforms into Streaming Event Sources for Machine-Learning-Based Human Performance Measurement** Douglas Stein, CTO, Metacog Technologies, LLC • **CaSS (or Competency) Users Group Part II** Robby Robson, Ph.D., CEO, Eduworks
	15-MINUTE BREAK | Exhibits and Virtual Platform Open
11:00–11:45 a.m.	**CONCURRENT ACTIVITY SESSIONS (Live)** • **Public Review: Draft NATO ADL Handbook, Annex on ADL in Exercises** Aaron Presnall, Ph.D., President, Jefferson Institute • **Mapping Your Ecosystem: Navigating the Complexities of Uniting Content and Data Across Multiple Systems** Tammy Rutherford, Managing Director, Rustici Software • **Human and AI Agent Teaming to Improve DoD Red Team Collective Skills** Tashara Cooper, M.A., Research Psychologist, NAWCTSD • **CaSS (or Competency) Users Group Part III** Robby Robson, Ph.D., CEO, Eduworks
	15-MINUTE BREAK | Exhibits and Virtual Platform Open
12:00–5:00 p.m.	**VIRTUAL CONFERENCE** | Virtual Exhibits, Posters, and Asynchronous Pre-recorded Video Sessions *Visit the exhibits and other activities in the virtual platform!*

On-Demand Posters, Presentations, and Tutorials by Topic Area

Available through 1 October 2021	

ANNUAL TIMELY TOPIC – LEARNING AND THRIVING IN THE NEW NORMAL

POSTERS

- **Pivoting to Virtual Vocational Instruction Across NAVSCIATTS: Methods and Lessons Learned**
  Dina Acklin, Director, Engineering Psychologist, U.S. Naval Research Laboratory
- **Learning Engineering for the New Normal**
  James Goodell, Senior Analyst, QIP
- **Turning Maintenance Challenges into Opportunities with AR**
  Stephen Wall, Augmented Reality Technical Fellow, PTC

PRESENTATIONS

- **Transforming Learning in the New Normal Using Extended Reality**
  E.J. Dougherty, Accenture Federal Services XR Capability Lead, Accenture
- **Digital Dexterity in the New Normal: Bridging the E-Gap by Answering NATO DEEP Community Needs with Quality Training Initiatives within NATO DEEP eAcademy**
  Marcin Józwiak, Senior Instructional Designer, NATO DEEP eAcademy
- **Getting Ready for Your Close Up: Evidence Based Practices for Recording Success**
  Dina Kurzweil, Ph.D., Director ETI/Asst Professor, Uniformed Services University of Health Sciences

DIGITAL LEARNING SCIENCE

POSTERS

- **Improving the Link Between Science of Learning for Education and Readiness using the Learning Science Evaluation Checklist**
  Scotty D. Craig, Ph.D., Associate Professor, Arizona State University

PRESENTATIONS

- **Training Effectiveness Framework for Augmented and Virtual Reality**
  James Belanich, Ph.D., Research Staff Member, Institute for Defense Analyses
- **Personalized Neuro-informed Learning and the New Role of Instructors as Facilitators**
  JJ Walcutt, Ph.D., President/CEO, Clay Strategic Designs

LEARNING DATA

POSTERS

- **IEEE's New Reusable Competency Definitions Data Standard**
  James Goodell, Senior Analyst, QIP
- **Data Visualization in VR Marksmanship Training**
  Andrew McCormick, VR Developer, Horus Vision

PRESENTATIONS

- **Measuring Success: Using Data to Identify Effective Digital Instruction Practices**
  Steve Bailey, Senior Product Marketing Manager, Blackboard
- **A Data Strategy to Drive a Training Strategy in the Synthetic Training Environment**
  Benjamin Goldberg, Ph.D., Senior Scientist, CCDC-Soldier Center
- **cmi5 Update**
  Andy Johnson, Specifications and Standards Manager, ADL Initiative (SETA Contractor)
- **Designing an Inter-University Data Science Certificate Program: A Prototype**
  Hong Liu, Ph.D., Professor, Embry Riddle Aeronautical University
- **Total Learning Architecture's Master Object Model: Linking Learners to Other TLA Data**
  Florian Tolk, Software Engineer, ADL Initiative (SETA Contractor)

On-Demand Posters, Presentations, and Tutorials by Topic Area

Available through 1 October 2021	**LEARNING TECHNOLOGY**

POSTERS

- **Applying User Experience Research Techniques to Support the Development of Learning Technology: Evaluations of the PERvasive Learning System (PERLS)**
  Scotty D. Craig, Ph.D., Associate Professor, Arizona State University
- **NetSearch Platform, the Nuclear Deterrent for Academic Fraud**
  Keith Maycock, Ph.D., CEO, NetSearch Platform Limited
- **Putting the Pieces Together: Centralizing Content Distribution Across Systems**
  Tammy Rutherford, Managing Director, Rustici Software
- **Generic Automatic Performance Assessment for Simulator Training**
  Robert Schaefer, Ph.D., Rheinmetall Electronics
- **PERLS - Transitioning from a Research Project to a Production Ready Learning Experience Platform for Government**
  Chad Udell, Managing Partner, Float LLC

PRESENTATIONS

- **Deploying Enterprise VR Training at Scale**
  Tony Bevilacqua, Founder & CEO, Cognitive3D
- **Learning is Changing: Can the Learning Experience Platform (LXP) and Microlearning be the keys to developing a leading-edge workforce?**
  Crista Crago-Spangler, D.C.D., Learning Technology Strategist, ADL Initiative
- **IA via AI Intelligence Augmentation Through Artificial Intelligence**
  Chris Dede, Ph.D., Wirth Professor in Learning Technologies, Harvard University
- **Harnessing the Power of AI-Powered Adaptive Learning for Training the Acquisition Workforce**
  Kim Kendall, Professor, DAU
- **VIROO: Innovation. It's in VR.**
  David Moreno, CMO, Virtualware
- **Competency-Based Experiential-Expertise Experience Design**
  Kevin Owens, Engineering Scientist, ARL: The University of Texas at Austin
- **How To Build Adaptive Training Amid a Future of Uncertainty**
  Charles Richer, Vice President of Business Development, Modest Tree
- **ADL Initiative's DevSecOps Pipeline: Soup to Nuts Demonstration**
  Alec Romine, Software Engineer, ADL Initiative (SETA Contractor)
- **NATO's Adoption of VR/AR Technology to Satellite Training**
  Paul Thurkettle, Training Technology, NATO ACT
- **How DevSecOps will Change Your Projects for the Better**
  Chad Udell, Managing Partner, Float, LLC
- **What is "Learning" in an LMS?**
  Whitney Whealdon, Director of Learning Innovation, Learning Tapestry

On-Demand Posters, Presentations, and Tutorials by Topic Area

Available through 1 October 2021	

POLICY

PRESENTATIONS

- **Planning for Success: Implementing xAPI in the Navy**
  Jason Haag, Consultant, Veracity Technology Consultants

TUTORIALS

- **Implementation and Testing of Your xAPI Data Strategy**
  Florian Tolk, Software Engineer, and Yihua Liu, Data Scientist, ADL Initiative (SETA Contractors)

TECHNOLOGY INTEROPERABILITY

POSTERS

- **Evolution of eLearning Standards: Moving from SCORM to xAPI-Where Does cmi5 Fit?**
  George Vilches, Principal Software Engineer; Project CATAPULT Lead, Rustici Software
- **How to Keep Your Castle: Retrofitting "Brick and Mortar" Training**
  Jill Wierzba, Ph.D., Senior Instructional Systems Designer, SAIC

PRESENTATIONS

- **An Application Profile of schema.org, LRMI and OERSchema to Support K12 Open Content Exchange**
  Phil Barker, Ph.D., Consultant and Partner, Cetis LLP
- **Deep Dive Collaboration in Maintenance Training Environment using VR/AR to Support Deployed/Remote Maintenance Operations**
  Mark Lynch, P-8A Maintenance Training Lead, Boeing Defence, Australia
- **Launching into cmi5: A closer look at Project CATAPULT**
  Brian Miller, Principal Software Engineer; Project CATAPULT Lead, Rustici Software
- **Logical Model for TLA Data Interoperability Standards**
  Brent Smith, RD&E Principal, ADL Initiative (SETA Contractor)

TUTORIALS

- **How to easily add xAPI capabilities to Games, Simulations, AR/VR Projects in Unity with xAPI Libraries**
  Art Werkenthin, CEO, RISC, Inc.