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., Director, ADL Initiative
9:15–10:00 a.m.	**GOVERNMENT KEYNOTE SESSION	Mr. Dustin Brown** • Dustin Brown, SES, Deputy Assistant Director for Management, Office of Management and Budget • *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 Development Lead, Amazon Web Services • Brian Gonzalez, Global Director, Government Partnerships & Initiatives, Intel Corporation • Tim Quine, Ph.D., 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 moderators: Jason Briefel, Director of Policy and Outreach, Senior Executives Association and Linda Brent, Ed.D., Director, Strategic Planning, NTSA and CEO, The ASTA Group.*
	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 • Christina Rhylander, MITRE, Digital and Acquisition Transformation (serving DoD Acquisitions) • 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 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* • Maj. Gen. Andrea D. Tullos, Deputy Commander, Air Education and Training Command • 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*
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, Deputy Commanding General – Education, Provost, Army University, and Deputy Commandant, Command and General Staff College • *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* • BG Ilmars A. Lejins, Asst. Chief of Staff Joint Force Development, NATO ACT • Col David Gagua, Commander, NATO-Georgia Joint Training and Evaluation Center • Col Carl-Fredrik Kleman, Chief of Operations, Viking 22, Swedish AF Joint Training Center • Zoran Šajinović, Assistant Minister of Defense, Bosnia and Herzegovina • Fred Engle, Director, Military Training, Office of the Deputy Assistant Secretary of Defense for Force Education and Training, USA • *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* • Daniel Correa, Director, Day One Project, and Acting President, Federation of American Scientists • Beth Simone Noveck, Ph.D., Chief Innovation Officer, The State of New Jersey • Amy Parker, Chief Learning Officer, Dept. of Veterans Affairs (Ret) • 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, iFEST 2022 Program Chair • James Goodell, Senior Analyst, QIP, iFEST 2021 Program Committee Member • Christopher Hardy, Ph.D., Strategic Planning and Program Evaluation, Defense Acquisition University, iFEST 2021 Program Committee Member • Frank Kelley, SES, Vice President, Defense Acquisition University, iFEST 2021 Conference Chair • Sae Schatz, Ph.D., Director, ADL Initiative, iFEST Senior Government Advisor
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!*

iFEST 2021 ● 31 August – 02 September ● Online Conference

NTSA
NATIONAL TRAINING &
SIMULATION ASSOCIATION

ADL
Advanced Distributed Learning

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) and Beth (Karen) Marcellas, Ph.D., Instructional Systems Specialist, Education & Technology Innovation Support Office, USUHS • **From IdeaScale to Scaling an Idea: Learning Innovation at Joint Base Andrews** Shelly Blake-Plock, President and CEO, Yet Analytics, Inc.; TSgt Jules Ponton, ManPower Analyst, 316th Force Support Squadron; and Amanda Kaelber, Project Manager, Yet Analytics, Inc. • **The Anatomy of an Effective Webinar** Gigi Roman, ADL Coordinator, NATO School Oberammergau, Germany, and Tanja Geiss • **The Future of Competence in the Workforce and the Role of CaSS** Robby Robson, Ph.D., Eduworks; Dennis Mills, NETC; Ben Goldberg, Ph.D., STTC; Matt Lisle, Georgia Tech; LCDR Jake Norris, ONR; and Laurie "LJ" Johnson, Accenture Federal Services
	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 • **The Future of Competence in the Workforce and the Role of CaSS - Big Ideas** Robby Robson, Ph.D., Eduworks; Brent Smith, ADL Initiative; Ben Ervin, ONR; Deborah Everhart, Ph.D., Credential Engine; Vincent Villanueva, AETC; and Brandt Dargue, Boeing
	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 and Chris Tompkins, Director of Sales, Rustici Software • **Human and AI Agent Teaming to Improve DoD Red Team Collective Skills** Tashara Cooper, M.A., Research Psychologist; Jonathan Harris, Computer Engineer, Cybersecurity; and Timothy Welch, Instructional Systems Specialist, NAWCTSD • **Usage of CaSS - Technical Demonstrations and Discussions** Fritz Ray, CTO, Eduworks and Matt Lislie, Georgia Tech
	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

<table>
<tr><td rowspan="2">Available through
1 October 2021</td><td>

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, and Shannon B. Turner, Naval STEM Researcher, 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., Asst. Professor of Medicine, Director ETI, Linda Macaulay, Ph.D., E-Learning/Instructional Designer, Karen (Beth) Marcellas, Ph.D., Instructional Systems Specialist, and Brandon Henry, Instructional Systems Specialist, Uniformed Services University Health Sciences (USUHS)

DIGITAL LEARNING SCIENCE

POSTERS

- **SoLaR - 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 and Lt. Nicholas Armendariz, US Navy

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)
- **Building a Competency Based Data Science Certificate Program**
  Hong Liu, Ph.D., Professor, Embry Riddle Aeronautical University, and Naomi Malone, Learning Scientist, ADL Initiative (SETA Contractor)
- **Total Learning Architecture's Master Object Model: Linking Learners to Other TLA Data**
  Brent Smith, RD&E Principal, Florian Tolk, Software Engineer, John Martin, Software Engineer, Yihua Liu, Data Scientist, ADL Initiative (SETA Contractors)

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

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., Software Developer, 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, and Ashley Etemadi, Graduate Research Assistant, Harvard Graduate School of Education
- **Harnessing the Power of Artificial Intelligence (AI) to Train the Acquisition Workforce**
  Kim Kendall, Professor, Defense Acquisition University
- **VIROO: Innovation. It's in VR.**
  David Moreno, CMO, Virtualware
- **Competency-Based Experiential-Expertise Exercise Design**
  Kevin Owens, Engineering Scientist, ARL: The University of Texas at Austin
- **How To Build Adaptive Training and Military Amid a Future of Uncertainty**
  Charles Richer, Vice President of Business Development, Modest Tree
- **ADL & DevSecOps: Soup, Nuts, and Our Ongoing Adventure**
  Alec Romine, Software Engineer, and Trey Hayden, Lead Software Engineer, ADL Initiative (SETA Contractors)
- **Virtual Reality Training for NATO Operational & Equipment**
  Paul Thurkettle, NATO Training Technologies Section Head, NATO ACT
- **How DevSecOps will Change Your Projects for the Better**
  Chad Udell, Managing Partner, Float, LLC, and Jennifer Murphy, Ph.D., CEO, QIC
- **What is "Learning" in an LMS?**
  Whitney Whealdon, Director of Learning Innovation, and Steve Midgley, Founder and Managing Director, Learning Tapestry

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

Available through 1 October 2021	**POLICY**

POLICY

PRESENTATIONS

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

TUTORIALS

- **Implementing and Testing Your xAPI Data Strategy**
  Florian Tolk, Software Engineer, Yihua Liu, Data Scientist, and Andy Johnson, Specifications and Standards Manager, 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

- **K12 OCX: Open Content Exchange**
  Phil Barker, Ph.D., Consultant and Partner, Cetis LLP and Steve Midgley, Founder and Managing Director, Learning Tapestry
- **Launching into cmi5: A closer look at Project CATAPULT**
  Brian Miller, Principal Software Engineer; Project CATAPULT Lead, Rustici Software, and Andy Johnson, Specifications and Standards Manager, ADL Initiative (SETA Contractor)
- **Logical Model for TLA Data Interoperability Standards**
  Brent Smith, RD&E Principal, ADL Initiative (SETA Contractor)

TUTORIALS

- **Using xAPI to Track Learning Experiences in Unity Projects**
  Art Werkenthin, CEO, RISC, Inc.