



8/26/2019 – 8/28/2019

Alexandria Hilton Mark Center
5000 Seminary Road
Alexandria, Virginia 22311

MONDAY, AUGUST 26	
1200	REGISTRATION OPEN LOWER FOYER
1300	EXHIBITS OPEN LOWER FOYER
1400–1410	CONFERENCE WELCOME PLAZA BALLROOM BC RADM James A. Robb, USN (Ret) President, National Training & Simulation Association
1410-1430	OPENING REMARKS AND KEYNOTE INTRODUCTION PLAZA BALLROOM BC Charles (Fred) Drummond, SES Deputy Assistant Secretary of Defense, Force Education and Training, Office of the Assistant Secretary of Defense for Readiness
1430–1530	KEYNOTE PRESENTATIONS PLAZA BALLROOM BC Government Keynote: James P. Woolsey, SES President, Defense Acquisition University Industry Keynote: John Schwartz Head of Enterprise Business Development, edX
1530–1600	BREAK AND EXHIBIT TIME LOWER FOYER
1600–1730	WHO CARES? A STRATEGIC LOOK AT MODERNIZING LEARNING PLAZA BALLROOM BC Sharon Ridings, SES Chief Learning Officer, U. S. Environmental Protection Agency Yoram (Jerry) Wind, Ph.D. Emeritus Professor of Marketing, The Wharton School of the University of Pennsylvania Heidi Schweingruber, Ph.D. Director, Board on Science Education, The National Academies of Sciences, Engineering and Medicine Phill Miller Chief Learning and Innovation Officer, Blackboard, Inc. Moderator: Sae Schatz, Ph.D., Director, ADL Initiative
1730–1900	PROFESSIONAL NETWORKING RECEPTION LOWER FOYER

TUESDAY, AUGUST 27

0730–0830	CONTINENTAL BREAKFAST LOWER FOYER			
0830–0845	DAY 2 WELCOME PLAZA BALLROOM BC Ellen Purdy Director, Emerging Capabilities & Prototyping Initiatives & Analysis, Office of the Assistant Secretary of Defense (Research & Engineering) Introduction: Angie M. Gamble, Ph.D., U.S. Army			
0845–1000	GOOD PRACTICES IN DISTRIBUTED AND ONLINE LEARNING PLAZA BALLROOM BC David LeFevre, Ph.D. Director of the EdTech Lab, Imperial College Sarah Toms Executive Director, Wharton Interactive Robert Peach, Ph.D. Professor of Mathematics (Online Program Analytics), Imperial College Patricia Gabaldon, Ph.D. Associate Professor of Economic Environment, IE University Kristine Rabberman, Ph.D. Assistant Vice Dean, Director of Academic Affairs at Professional and Liberal Education, University of Pennsylvania Moderator: Nunzio Quacquarelli, CEO, QS Quacquarelli Symonds			
1000–1030	BREAK AND EXHIBIT TIME LOWER FOYER			
1030–1130	CONCURRENT PRESENTATION SESSIONS			
	THE SKILLFUL USE OF xAPI, IN PRACTICE PLAZA I Session Chair: Martin K. Bogan, CAE USA	NEW, CREATIVE WAYS TO LEARN PLAZA II Session Chair: Nunzio Quacquarelli, QS Quacquarelli Symonds	LEARNING ENGINEERING PLAZA III Session Chair: Andy Johnson, ADL Initiative (Contractor)	AR/VR PLATFORMS BEECH AB Session Chair: Van Brewer, Ph.D., ADL Initiative (Contractor)
	DATASIM: Data and Training Analytics Simulated Input Modeler for xAPI and xAPI Profiles Shelly Blake-Plock, Yet Analytics	It's Not About the Technology Ken Crim, U.S. Navy	Instructional Designers and Learning Engineers of the Future Dina Kurzweil, Ph.D., Uniformed Services University of the Health Science	Close Combat Training via Integrated Visual Augmentation System LtCol Rory Quinn, USMC, Close Combat Lethality Task Force, Office of the Secretary of Defense
	Challenges in Providing a Semi-Connected Learner Experience with xAPI Daniel Pfeiffer, Float, LLC	Alternate Reality Courses: A Paradigm Shift in Using Games to Activate Learning Sarah Toms, Wharton Interactive	Engineering Better Learning: Practical On-Ramps to the Emerging Practice of Learning Engineering Jim Goodell, Quality Information Partners & IEEE ICICLE	Global Collaborative Learning Through AR/VR and Immersive Technology Julia Pelton, Modest Tree Media, Inc.

			Additional Author(s): Michelle Barrett, Ph.D., Shelly Blake-Plock & Ellen Wagner, Ph.D.	
	No Device Left Behind: Solving the Offline Learning Challenges of xAPI and cmi5 George Vilches, JCA Solutions	Collaborative Augmented Reality with Virtual Humans to Support Social Learning Marjorie Zielke, Ph.D., University of Texas, Dallas Additional Author(s): Scotty D. Craig, Ph.D.	Linking up the Talent Pipeline Scott L. Cheney, Credential Engine Additional Author(s): Fritz Ray, Kristin Wood, Joshua Westfall & Emilie Rafal	AR/VR Platforms Lee Zerfass, Imagine-Invest-Create
1130–1300	LUNCH AND EXHIBIT TIME TERRACE ROOM AND LOWER FOYER			
1300–1345	CONCURRENT TUTORIAL SESSIONS (x2 ITERATIONS)			
	TOTAL LEARNING ARCHITECTURE: AN ABOLITIONIST VIEW OF DATA STOVEPIPES AND ONGOING MODERNIZATION PLAZA I Brent Smith, ADL Initiative (Contractor)	INDUSTRY ROUNDTABLE: UPCOMING GOVERNMENT REQUIREMENTS FOR VENDORS PLAZA II Sae Schatz, Ph.D., ADL Initiative Mike Kline, WHS Jasmine Bramlett, WHS LtCol Rory Quinn, USMC, Close Combat Lethality Task Force, Office of the Secretary of Defense Shawn Miller, Defense Acquisition University DAU Team Members: Julie Bailey, Shelton Jewette, Kim Kendall, Mike McGhee, Carolyn Tebault, James Wilkerson, Nantana Wongtanasirikul Ben Goldberg, Ph.D., U.S. Army Combat Capabilities Development Command - Soldier Center STTC	LEARNING ANALYTICS EXPERTS DISCUSSION PLAZA III Ryan Baker, Ph.D., University of Pennsylvania George Siemens, Ph.D., University of Texas, Arlington Jeanine DeFalco, Ph.D., Army Futures Command Erica Snow, Ph.D., Imbellus Moderator: Aaron Presnall, Ph.D., Jefferson Institute	
1345–1400	BREAK AND EXHIBIT TIME LOWER FOYER			
1400–1445	TOTAL LEARNING ARCHITECTURE: AN ABOLITIONIST VIEW OF DATA STOVEPIPES AND ONGOING MODERNIZATION PLAZA I Brent Smith, ADL Initiative (Contractor)	INDUSTRY ROUNDTABLE: UPCOMING GOVERNMENT REQUIREMENTS FOR VENDORS PLAZA II Sae Schatz, Ph.D., ADL Initiative Mike Kline, WHS Jasmine Bramlett, WHS LtCol Rory Quinn, USMC, Close Combat Lethality Task Force, Office of the Secretary of Defense Shawn Miller, Defense Acquisition University	LEARNING ANALYTICS EXPERTS DISCUSSION PLAZA III Ryan Baker, Ph.D., University of Pennsylvania George Siemens, Ph.D., University of Texas, Arlington Jeanine DeFalco, Ph.D., Army Futures Command Erica Snow, Ph.D., Imbellus Moderator: Aaron Presnall, Ph.D., Jefferson Institute	

		DAU Team Members: Julie Bailey, Shelton Jewette, Kim Kendall, Mike McGhee, Carolyn Tebault, James Wilkerson, Nantana Wongtanasirikul Ben Goldberg, Ph.D. , U.S. Army Combat Capabilities Development Command - Soldier Center STTC		
1445–1515	BREAK AND EXHIBIT TIME LOWER FOYER			
1515–1615	CONCURRENT PRESENTATION SESSIONS			
	xAPI PROFILES, IN PRACTICE PLAZA I Session Chair: Mike Hernandez , ADL Initiative (Contractor)	LEARNING ANALYTICS FROM DIVERSE DATA PLAZA II Session Chair: Yihua Liu , ADL Initiative (Contractor)	LEARNING SCIENCE FOR OUTCOMES PLAZA III Session Chair: Naomi Malone, Ph.D. , ADL Initiative (Contractor)	AR/VR DISTRIBUTED LEARNING DESIGN BEECH AB Session Chair: Mickey Neeley , ADL Initiative (Contractor)
	Taking xAPI Profiles Further: A Strategic Approach to Utilize xAPI Profiles to Address Specific Requirements within the DoD and Guidance for Putting the Process into Practice TJ Seabrooks , Rustici Software	TLA Collaborative Mission Control and Self-Regulating Ecology Prasad Ram, Ph.D. , Gooru Additional Author(s): Michelle Newstadt, Ph.D. & Mukul Markande	Innovations in Learning Engineering Maria Ho , Association for Talent Development	The Emerging ID World of AR/VR Barbara M. Greenstein , Epsilon Systems Solutions, Inc. Additional Author(s): Richard Benedetto
	Implementing xAPI Profiles in the Navy: Case Studies and Recommendations Tim Welch , Naval Air Warfare Center Training Systems Division Additional Author(s): Rob Chadwick, Jason Haag & Jonathan Poltrack	A Persona-based Analytics Framework for Learner Experience Mapping Mike A. Smith , ICF Additional Author(s): Skilan Ortiz & Sue Dass	Bottom-up Views of Distributed Learning: The Role of Distributed Cognition Garett Howardson, Ph.D. , U.S. Army Research Institute	Augmented Reality Based Extensible-Experiential-Expertise (X) Learning-Model Objectives Kevin Owens , Applied Research Laboratories: The University of Texas at Austin Signal Information Science Lab
	Mapping the DoD ISD Verb Profile for Adaptive Learning Using Extended Reality (XR) Technology for Pilot Training Martin K. Bogan , CAE USA	Learning from Sensor-based Analytics for First Responder Training Brenda Bannan, Ph.D. , George Mason University	Driving Retention: Using Technology to Support Learning Science Duncan Welder IV , RISC Inc. Additional Author(s): Art Werkenthin	Designing Automated Evaluation and Feedback with AR and Use Cases Brenda Braitling , Brenda Braitling, MISIM
1615–1630	BREAK AND EXHIBIT TIME LOWER FOYER			
1630–1730	IGNITE! PRESENTATIONS: ADL—IT’S MORE THAN THE TECHNOLOGY PLAZA BALLROOM BC 1. Innovative Approaches to Learning, Teaching, and Nurturing Employability – Lessons from Wharton-QS Reimagine Education Global Awards			

	<p>Nunzio Quacquarelli, QS Quacquarelli Symonds Additional Author(s): Yoram (Jerry) Wind, Ph.D.</p> <p>2. DoD Career Ready Portal, Open for Business! Jonathan Woods, DoD Voluntary Education</p> <p>3. Delivering Online Training to International Audiences Paul Thurkettle, NATO Allied Command Transformation</p> <p>4. Building ADL Capacity Through Security Sector Reform Projects Commander Geir Isaksen, Norwegian Defense University College</p> <p>5. Operational Integration of Advanced Distributed Learning into Exercises Major Niclas Ljung, Swedish Armed Forces Additional Author(s): Major Tohmas Ax and Biljana Presnall</p> <p>6. Specifications and Standards Utility within NATO DEEP ADL: Experiences and Lessons Learned from Alliance Partner Countries ADL Capacity Building Piotr Gawliczek, Ph.D., University of Warmia and Mazury Additional Author(s): MA Marcin Jozwiak</p> <p>7. Modernizing Learning Sae Schatz, Ph.D., ADL Initiative</p> <p>Moderator: Angie M. Gamble, Ph.D., U.S. Army</p>
--	---

1730–1900	PROFESSIONAL NETWORKING RECEPTION – EXHIBITOR/POSTER SESSION LOWER FOYER
-----------	--

WEDNESDAY, AUGUST 28

0730–0830	CONTINENTAL BREAKFAST LOWER FOYER
-----------	---

0830–0930	CONCURRENT PRESENTATION SESSIONS			
	<p>SPECIAL EVENT: IEEE LTSC PRESENTATIONS PLAZA I Session Chair: Andy Johnson, ADL Initiative (Contractor)</p>	<p>BRIDGING ADL AND SIMULATION PLAZA II Session Chair: Jerry Gordon, ADL Initiative (Contractor)</p>	<p>SELF-DIRECTED AND SELF-REGULATED LEARNING PLAZA III Session Chair: Mickey Neeley, ADL Initiative (Contractor)</p>	<p>DISTRIBUTING LEARNING WITH AR/VR—USE CASES BEECH AB Session Chair: Karen Cooper, Ph.D., Naval Air Systems Command</p>
	<p>The IEEE Learning Technology Standards Committee (IEEE LTSC) Standards Program Robby Robson, Ph.D., Eduworks Additional Author(s): Robert Sottolare, Ph.D., Jonathan Poltrack, Jim Goodell & Avron Barr</p>	<p>The Danish Army NCO Academy’s Use of Lightweight Simulation Before Field Training, Supported by xAPI WO II Bob Ludvigsen, Royal Danish Defense College</p>	<p>Measuring Success in Self-Guided Information Assurance Training David Tileston, Software Engineering Institute Additional Author(s): Kimo Bumanglag, Adam Welle & Brandon Wolfe</p>	<p>CANCELLED</p>
		<p>Training Management and STE: Mapping Squad Level Competencies in Simulation Data Through a GIFT/TLA Integration Benjamin Goldberg, Ph.D., U.S. Army Combat Capabilities Development</p>	<p>A Heuristic Evaluative Framework for Mobile Self-Regulated Learning Design Stephanie McNicol, Arizona State University Additional Author(s): Scotty D. Craig, Ph.D., Russell J.</p>	<p>Protection of Civilians/Children in Armed Conflict VR Paul Thurkettle, NATO ACT Additional Author(s): MSGT Marc Sallach, DEU A</p>

		Command-Soldier Center STTC Additional Author(s): Gregory Goodwin, Ph.D. & Joan Johnston, Ph.D.	Branaghan, Ph.D. & Rod D. Roscoe, Ph.D.	
		Leveraging xAPI for AI-Based Performance Measurement and Adaptive Learning Janet Spruill , Aptima, Inc. Additional Author(s): Lloyd Kleinman & Evan Oster	Detecting Self-Regulated Learning Strategies Using xAPI to Collect Trace Data Naomi Malone, Ph.D. , ADL Initiative (Contractor) Additional Author(s): Hong Jiang, Ph.D.	VR Balkan Medical Task Force Biljana Presnall , Jefferson Institute
0930–0945	BREAK AND EXHIBIT TIME LOWER FOYER			
0945–1045	STRENGTHENING ALLIANCES AND BUILDING PARTNERSHIPS THROUGH ADL PLAZA BALLROOM BC Commodore Lars Arne Aulie Chief of Staff, Norwegian Defense University College (NoDUC) Colonel Slaven Blavicki Chief, Training and Doctrine Command (TRADOC), Bosnia and Herzegovina Paul Thurkettle NATO Allied Command Transformation, NATO e-Learning Programme Manager Daniel Eagle Director of Executive Education, Defense Institute of Security Cooperation Studies Moderator: Aaron Presnall, Ph.D., Jefferson Institute			
1045–1100	BREAK AND EXHIBIT TIME LOWER FOYER			
1100–1200	IGNITE! PRESENTATIONS: TECHNICAL CONCEPTS PLAZA BALLROOM BC 1. Best Practices for Nudge Learning to Drive Learner Adoption and Performance Shrikant Pattathil, Harbinger Systems 2. Utilizing xAPI to Track Learning Objectives and Skill/Competencies to Drive Business Decisions and Dynamically Adapt Training Content Paul Schneider, Ph.D., dominKnow 3. Minute School’s Recommendation System Based on xAPI LRS Tushar Singh, Minute School 4. Experience Driven Learning Yasir Saleem, Adobe Federal Systems Additional Author(s): Jeffrey Young 5. From Paper Certificates to Digital Badges Gigi Roman, NATO School Oberammergau Additional Author(s): Tanja Geiss 6. xAPI Profiles and xAPI Adoption in DoD Andy Johnson, ADL Initiative (Contractor) 7. Applying xAPI and Machine Learning in Career Planning Harri Ketamo, Ph.D., Headai LTD Moderator: Paul Thurkettle, NATO ACT			
1200–1215	CLOSING REMARKS AND ACKNOWLEDGEMENTS PLAZA BALLROOM BC			

	Aaron Presnall, Ph.D. 2019 iFEST Program Chair, Jefferson Institute
1215-1330	LUNCH AND EXHIBIT TIME TERRACE ROOM