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)

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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

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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.