



# CRESSTCON'18

## INNOVATION SHOWCASE: DEMOS AND POSTERS

<b>Mastering Math: A Personalized Mastery Learning System</b> <i>Age of Learning, Inc.</i>	demo
<b>HERA—A Blended Learning and Assessment System for Scientific Thinking</b> Meirav Arieli-Attali, Sue Ward, Jay Thomas, Jamie LeQuin, Ali Siddiqui, Ben Barefield & Amanda Newlin - <i>ACT Inc. and Smart Sparrow</i>	poster + demo
<b>Demonstration of a Personalized Learning Companion Robot Designed for Speech and Language Assessment in Early Childhood Education Settings</b> Alison L. Bailey & Abeer Alwan - <i>UC Los Angeles</i>	poster + demo
<b>CHEM+C: Integrating Computational Thinking in the Middle School Chemistry Context</b> Whitney Wall Bortz - <i>Virginia Tech, Department of Computer Science</i>	poster
<b>Student Engagement and Learning Outcomes in a Fully Online Course</b> Ronny C. Choe, Zorica Scuric, Ethan Eshkol, Ava Arndt, Casey Shapiro, Marc Levis-Fitzgerald, & Rachelle H. Crosbie-Watson - <i>UC Los Angeles</i>	poster
<b>The Ruff Ruffman Show's Fish Force: A Demonstration of Adaptivity, Universal Design for Learning, Learning Analytics, and Related Tools</b> Cosimo Fellingine & Jeremy Roberts - <i>PBS KIDS</i>	demo
<b>Online Learning in Higher Education: Examining Short-Term and Distal Outcomes</b> Christian Fischer - <i>UC Irvine</i>	poster
<b>Findings and Implications from a Digital Science Notebook User Test</b> Momo Hayakawa & Dennis Ramirez - <i>Twin Cities PBS</i>	poster
<b>Efficacy of Khan Academy Unit Tests</b> Kelli Millwood Hill - <i>Khan Academy</i>	poster + demo



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**Development of Math and Literacy Within Finnish Lower Secondary Classes: A Multilevel Profile Analysis** poster

Risto Hotulainen, Sirkku Kupiainen, Elina Ketonen & Marja Tamm - *Centre for Educational Assessment, Faculty on Educational Sciences, University of Helsinki, Finland*

**A National Survey About Young Children, Science, and Media: What Parents Talk About When They Talk About Learning** poster

Naomi Hupert, Phil Vahey, Todd Grindal, Megan Silander, & Elisa Garcia - *EDC & SRI*

**Game Designs, User Experience, and Task Performance Within a Game-Based Assessment** poster + demo

G. Tanner Jackson - *Educational Testing Service*

**Virtual and Augmented Reality Enabled Personalized Manufacturing Training** demo

Rajesh Jha, William Hackett, Chris Johnson, Alvin Galit, & Nathan Mateo - *SimInsights*

**Game-Based Assessment Items for Career Readiness** demo

Jenny Kao - *CRESST | UCLA*

**NAVY LIFE: CRESST-Developed U.S. Navy Game & Research Platform** demo

Alan Koenig, Harry O'Neil, Ray Perez, & Steve Watson - *CRESST| UCLA, USC, Office of Naval Research, & Naval Education and Training Command*

**Time on Task in Low and High Stakes Assessment** poster

Sirkku Kupiainen & Risto Hotulainen - *Centre for Educational Assessment, Faculty on Educational Sciences, University of Helsinki, Finland*

**Cognitive and Psychometric Properties of Technology-Enhanced Items** poster

Jung Aa Moon - *ETS*

**Learning as a Complex System: A Dynamic Modeling Approach** poster

Lu Ou, Abe, Hofman, Vanessa Simmering, Meirav Arieli-Attali, Gunter Maris, Han L. J. van der Maas, & Alina A. von Davier - *ACTNext by ACT*

**Learner Engagement in Guitar Improvisation: A Blended Learning Experience** poster

Danielle Sassman - *University of Southern California and Musicians Institute*



## CRESSTCON'18

**Screen-Based Simulation For Training and Automated Assessment of Teamwork Skills** demo

Randolph Steadman, Yue Ming Huang, Alan Koenig, Markus Iseli, John Lee, Areti Tilou, Frederica Raia, & Noreen Webb - *Sim Center, CRESST | UCLA, CAST, UC Los Angeles*

**Assessment Culture in Finland: Practices and Perspectives to Development** poster

Marja Tamm & Risto Hotulainen - *Centre for Educational Assessment, Faculty on Educational Sciences, University of Helsinki, Finland*

**Ultrasound Training and Assessment Simulator** demo

Matt Wang, Teo Zosa, Kresimir Petrinc, Gabe Nataneli, Corey Nichols, & Eric Siryj - *SonoSim*

**Measuring Brain Activity in Classrooms: A Wireless EEG Device** demo

Eve Xu - *UCLA GSE&IS*

**Investigating Formative Assessment and Teachers' Education Program in Middle School** poster

Yu Zhang, Jamal Abedi, Susan Rowe, & Hansol Lee - *UC Davis*