



Creating Real World Technological Solutions for Test & Evaluation in 2025 and Beyond

Welcome to Academia Day
hosted by The International Test and Evaluation Association (ITEA)
during the 35th Annual T&E Symposium 10-13 Dec 2018

AGENDA

- 9:00 am Arrive Embassy Suites, Mandalay Bay Resort
Registration (receive badges)
- 9:10 am Welcome – NAME here (location here)
- 9:15 am Panel Discussion
Moderator: **Jim Bak**, Vice President Engineering, GBL Systems Corporation
- Panelists:
John Fitzgibbon, President/CEO, TEQ Games
- Joel Helling**, Software Engineer, GBL Systems Corporation
- Robin Poston, PhD.**, Interim Dean, Graduate School; Professor,
Department of Business Information and Technology, University of
Memphis
- Edward C. Romero**, Deputy Director, Business Operations, NAWC Weapons
Division, Test and Evaluation
- Michael Soltys, PhD.**, Professor and Chair of Computer Science, California
State University Channel Islands
- 10:45 am Meet our Exhibitors (Mandalay Ballroom 1st floor)
GBL Scavenger Hunt
- 11:45 am Lunch available
- 12:00 pm Return to the bus

Sponsored by

Belcan





Jim Bak graduated from UCLA in 1992 with a Bachelors of Science in Physics. His software development career began in the early '90's and has covered an extensive array of software development and systems integration including real-time embedded solutions for airborne avionics and armament systems; GPS orbit modeling and clock corrections for the FAA's Wide Area Augmentation System (WAAS); and net-centric based application development for distributed Live-Virtual-Constructive T&E events. Mr. Bak is currently the Vice President – Engineering for GBL Systems Corporation, who he has worked for since 2001. He also supports the Test Resource Management Center (TRMC) in a number of software and T&E capacities, including Object Model development for the Test & Training Enabling Architecture (TENA) Software Development Activity (SDA).



John Fitzgibbon understands how to design and develop immersive, themed environments that capture the attention of participants and engage their imagination. He brings nearly 25 years of development experience in themed attractions, hotels and theme parks to his role of President of TEQ Games. Together with the company's leadership, he is focused on creating compelling and immersive learning experiences through virtual world game play and simulation technology. He spent 16 years with Universal Creative to ensure guest experiences were elevated to new heights in creativity and cutting-edge technology. As President of TEQGames, since its founding in 2008, the company, through Fitzgibbon's leadership, has focused on the development of immersive and creative learning applications for Training, Education, and Qualifications that use virtual world game play and simulation technology.



Joel Helling graduated from CSUCI in 2018 with a Master of Science in Computer Science. Mr. Helling is currently a Software Engineer for GBL Systems Corporation, where he has worked since 2014. He provides support to the Test Resource Management Center (TRMC) by developing desktop applications for T&E tools provided by the Test and Training Enabling Architecture (TENA) Software Development Activity (SDA). Additionally, he is a part-time lecturer at CSU Channel Islands for Computer Science.



Dr. Poston serves as Interim Dean of the Graduate School and is an Professor of Business Information and Technology at the Fogelman College of Business & Economics at The University of Memphis. She is the Director of the System Testing Excellence Program for the FedEx Institute of Technology at The University of Memphis. Dr. Poston is a recipient of the 2006-2007 University of Memphis Alumni Association Distinguished Teaching Award. She serves as an Associate Editor for the highly ranked journal, the European Journal of Information Systems, which publishes research about the theory and practice of information systems for a global audience, and recently served as an Associate Editor for the highly ranked Decision Sciences Journal, which publishes scholarly research that advances decision making.



Ed Romero graduated in 1985 with a Bachelors of Science in Engineering and began his Civil Service career in 1986 with the US Navy at the then Pacific Missile Test Center, Point Mugu. He graduated with a Masters in Management from the Naval Postgraduate School in 1990. He has held numerous positions from test engineer, project engineer, lead experimentation engineer, and supervisor. He has worked in logistics, armament, targets, ranges, test and evaluation and Command staff. He has received many awards among them the Warfighter Support Award in June 2004 and the Meritorious Civilian Service Award in November 1998. He currently serves as the Deputy Director, Business Operations, for NAWCWD 5.0 Test and Evaluation. Mr Romero manages a budget of over \$387M per year in Major Range and Test Facility Base funding for NAWCWD, including future investments.



Michael Soltys joined CSUCI in 2014 as Chair of Computer Science. His vision is to build a world-class department where cutting edge research is put at the service of students and community. His Ph.D. is from the University of Toronto, and he was chair of Computer Science at McMaster University, an Ulam professor at the University of Colorado Boulder, a visiting scholar at UC San Diego, authored two books, and published over 50 papers. He specializes in Algorithms (he is the author of "An Introduction to the Analysis of Algorithms" 3rd ed) and Cybersecurity (where he consults with the industry and is the director of IT at the security firm Executek).