



Special Events



SPECIAL EVENT

MONDAY
28 NOVEMBER
1030-1200
ROOM W208ABC

Modeling and Simulation Caucus

Select members of the Caucus will participate in this I/ITSEC Special Event

Chairman and Founder

J. Randy Forbes
Virginia 4th District

Caucus Members

Sandra Adams
Florida 24th District

Robert Aderholt
Alabama 4th District

Jason Altmire
Pennsylvania 4th District

Gus Bilirakis
Florida 9th District

Diane Black
Tennessee 6th District

Vern Buchanan
Florida 13th District

Ken Calvert
California 44th District

John Carter
Texas 31st District

Mike Conaway
Texas 11th District

Ander Crenshaw
Florida 4th District

Mark Critz
Pennsylvania 12th District

Susan Davis
California 53rd District



Members of the 2009 M&S Caucus address the audience. Left to right are Rob Wittman, Glenn Nye, Suzanne Kosmas, and J. Randy Forbes.

Virginia Foxx
North Carolina 5th District

Jim Gerlach
Pennsylvania 6th District

Phil Gingrey
Georgia 11th District

Tim Griffin
Arizona 2nd District

Martin Heinrich
New Mexico 1st District

Maurice Hinchey
New York 22nd District

Doug Lamborn
Colorado 5th District

Jim Matheson
Utah 2nd District

Jeff Miller
Florida 1st District

Todd Russell Platts
Pennsylvania 19th District

Bill Posey
Florida 15th District

Tom Rooney
Florida 16th District

Dutch Ruppersberger
Maryland 2nd District

Bobby Scott
Virginia 3rd District

John Sullivan
Oklahoma 1st District

Tim Walz
Minnesota 1st District

Joe Wilson
South Carolina 2nd District

Rob Wittman
Virginia 1st District

The impact of the Congressional Modeling & Simulation Caucus panel event increases its significance to the M&S Community as the national interest in the benefits of simulation are realized across a broader boundary of applications. Allied to the end products of M&S is the increasing Congressional emphasis on STEM to prepare future generations for the technological challenges not only of new simulation approaches but also the possibilities for extended employment of M&S for varied uses far beyond

military training. The acknowledgement of this national emphasis on a recognized critical technology bodes well for the Nation's economic growth and global competitiveness. This opportunity to join in a conversation with Congressional leaders is a unique feature of I/ITSEC, continually energizing the dialogue dedicated to training and education. The annual Capitol Hill M&S Caucus Expo on June 23, 2011 further demonstrated the high level of interest and support realized from Congressional Members and their staffs.

Caucus Chair and Founder J. Randy Forbes visits the Exhibit Floor following the Congressional Panel.



SPECIAL SESSION

MONDAY
28 NOVEMBER
1230-1400
ROOM W306A

Doing Business with Big Business: A Special Session for Small Businesses

Sponsored by the
NTSA Small Business
Committee



Moderator:

Joe Vilasi

Binghamton Simulator Company

If you are a Small Business owner or manager who would like to learn more about doing business with the largest companies in the Training & Simulation industry, then this session is for you! The session has been scheduled during pre-show hours on Monday so that you can benefit from what you learn — and the connections you make — during the rest of your week at I/ITSEC.

This interactive session will give attendees the opportunity to hear from — and ask questions of — representatives from some of the largest corporations in the industry. Companies represented may include: The Boeing Company, Lockheed Martin, Northrop Grumman, Science Applications International Corporation, Booz Allen Hamilton, Raytheon, CSC, General Dynamics, BAE Systems, L-3 Communications, CAE USA, SAAB Training, Flight Safety International, and DRC.

Each “Big Business” representative will give a short presentation, covering:

- An overview of the company’s Small Business plan and strategy
- The procedure for a Small Business to introduce itself and its products and services
- Contact information for the person/office that the Small Business should contact to set up an introductory meeting
- Specific technical expertise or performance in which the company currently needs support
- Specific areas in which the company typically seeks small business participation
- Other items of interest to Small Businesses

Following the individual presentations, there will be a general Q&A session involving all the representatives. After that, time permitting, each representative will be provided a separate table/area where they can answer additional questions and/or schedule follow-on meetings.

If you are a Small Business owner or manager who wants to learn more about “how to get in the door,” you should plan to attend this session!

If you have any questions about this event, please contact Patrick Rowe, NTSA’s Director of Membership, at prowe@ndia.org.

SPECIAL EVENT

MONDAY
28 NOVEMBER
1500-1630

TUESDAY
29 NOVEMBER
1400-1530

WEDNESDAY
30 NOVEMBER
1030-1200

THURSDAY
1 DECEMBER
1030-1200

BOOTH 3181

Warfighters' Corner

Moderator:
DeLloyd Voorhees, Jr.
L-3 MPRI

As the Overseas Contingency Operations continue, Airmen, Soldiers, Sailors, Marines, and Coast Guardsmen continue on duty in Iraq, Afghanistan and other locations at home and abroad. Recent troop increases are designed to further stabilize democracies overseas. The resources of the United States government, our allies and Industry are all committed to a positive outcome.

Warfighters' Corner provides a forum for hearing the personal experiences of those individuals who ultimately derive the greatest benefit from I/ITSEC and the organizations that support this significant event. There will be a session each day of I/ITSEC featuring veterans recently returned from the combat zones. Service representatives will tell their stories, their personal experiences, and present their views of what has or has not been effective in terms of tactics, techniques and equipment related to their day-to-day operations and training. Many of the speakers have served multiple tours in theater and have a sense of perspective of important issues over time.

All Warfighters' Corner sessions will have representatives of each of the Services at each session. The presenters will discuss joint operations and also provide insights into the role of allies, international organizations and private organizations in theater. The Wednesday morning session will be attended by veterans groups from the local Florida area.

Don't miss the opportunity to attend these sessions!



SPECIAL EVENT

TUESDAY
29 NOVEMBER
1030-1200
AUDITORIUM W320

General/Flag Officer Panel



Dr. Junor



VADM Architzel



MajGen Fox



Maj Gen Williams



MG Rudesheim



MG Abrams



RDML Mehling



Moderator:

Rear Admiral Fred Lewis, USN (Ret.)
President, NTSA

Panelists:

Dr. Laura J. Junor
Deputy Assistant Secretary of Defense for Readiness

Vice Admiral David Architzel, USN
Commander, Naval Air Systems Command (NAVAIR)

Major General Raymond C. Fox, USMC
Commanding General, Training and Education Command

Major General Brett T. Williams, USAF
Director of Operations, Deputy Chief of Staff for Operations, Plans and Requirements, Headquarters U.S. Air Force

Major General Frederick S. Rudesheim, USA
Deputy Director, Joint Staff, J7, Joint and Coalition Warfighting Center

Major General Robert B. "Abe" Abrams
Commanding General, 3rd Infantry Division

Rear Admiral Stephen E. Mehling, USCG
Commander of the Coast Guard Force Readiness Command



The I/ITSEC 2011 theme, "Prepare the Force; Secure the Future" brings into sharp focus critical thinking for the way ahead in light of the national conversation about budgets and debt. The Department of Defense is receiving and will receive its share of scrutiny in the overall review of national needs and available resources. Certainly, the ongoing economic realities cannot be ignored in the decision process of cost-effective training support. The advantages of modeling and simulation, therefore, increase in significance, elevating the importance of the I/ITSEC discussions for future preparedness in light of the threat. Insight will be gained from these panelists in the manner with which they are dealing with the demands even as they face resource uncertainties. They will present issues of concern and resolutions realized, reflecting training developments at the particular command level. Audience questions are a significant aspect of this event as speakers respond to concerns.

SPECIAL EVENT

TUESDAY
29 NOVEMBER
1400-1530
ROOM W304A

Learning to Learn: The Future of Training with Modeling and Simulation



*Challenges met...
Opportunities ahead*

I/ITSEC 2011 Fellow
General Paul F. Gorman, USA (Ret.)



I/ITSEC Fellows is an annual series of presentations by technical leaders responsible for the seminal contributions that have fundamentally shaped the simulation and training capabilities being delivered today. The paper authored by General Gorman may be found on the 2011 Proceedings CD provided to Conference Attendees. The Abstract of his paper is also included in this Program Guide as part of the 2011 I/ITSEC Abstract Section.


We recognize General Gorman as the 2011 I/ITSEC Fellow. He has long been recognized as the leading technical innovator within the U.S. Army and Defense Advanced Research Projects Agency. He has championed technological progress for training development while personally advising the President, the United States Congress, and Force Commanders. He originated the “Live, Virtual, Constructive” descriptor of simulation types. He was the first to note that “all tactical training short of combat itself is a simulation”.

In this presentation, GEN Gorman draws on his wealth of experience that spans high level command of active forces (8th Infantry Division, U.S. Southern Command) to functional design for emerging technologies (SIMNET, Command Post of the Future) to develop lessons learned for training development. He blends these lessons with awareness of near-term technological capability to postulate an ideal M&S enabled training strategy for the years ahead.

This special event provides a rare opportunity to interact with a visionary leader as he describes necessary developments supporting a new training strategy to ensure we will prepare our forces to secure the future. Come, listen, learn, and share in the inspiration for that which lies ahead!

“... to support military training in the century ahead, the services must adapt current and prospective intelligence systems, artfully combined with models, simulations, and games, drawing heavily on commercial products ...”

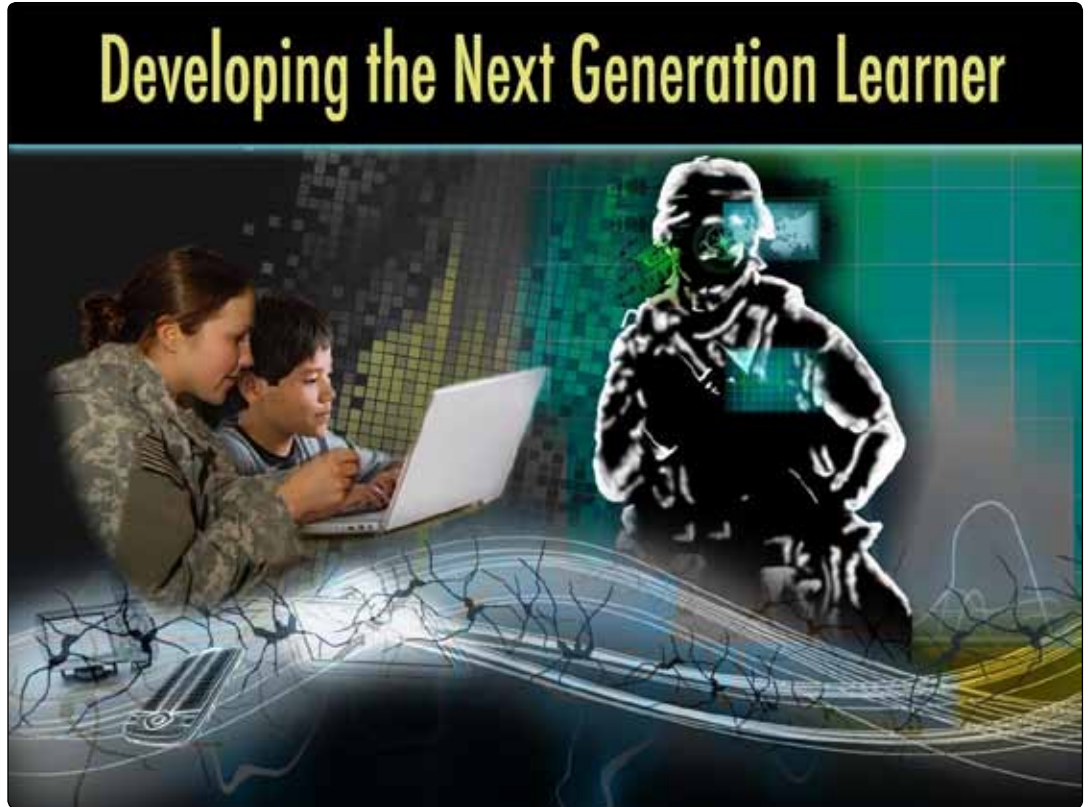
GEN Paul Gorman, “Learning to Learn”, I/ITSEC Fellows paper, 2011

 This special event is eligible for CEU credits. (See page 13)

SPECIAL EVENT

TUESDAY
29 NOVEMBER
1600-1730
ROOM W307AB

Aristotle Meets the 21st Century: A Creative Discussion



Moderator:

Frank DiGiovanni

Director, Training Readiness and Strategy, ODASD (Readiness)

Participants

Aneesh Chopra

United States Chief Technology Officer, White House Office of Science and Technology

Alan Kay

President, Viewpoints Research Institute

James H. Shelton

Assistant Deputy Secretary for Innovation and Improvement, Department of Education

MG Nick Justice, USA

Commander, Research and Development Command

Lt Col William Casebeer, USAF, PhD

Program Manager, Education Dominance, Defense Advanced Research Projects Agency (DARPA)

CDR Joseph Cohn, USN

Division Deputy, Human and Bioengineered Systems, Office of Naval Research

With leadership from the White House Office of Science and Technology Policy, Project Aristotle is a joint effort by the Department of Defense and the Department of Education to provide students with personal intelligent tutors. Project Aristotle will leverage networking and computing technologies to produce a personal learning environment that will anticipate the needs of the learner and adapt the delivery of information based on the individual's learning strengths, weaknesses, learning style, and proficiency level.

Each panel member is a leader and innovator. They represent the offices and organizations that are cooperating to create this revolutionary teaching and training capability.

- Service members will benefit from personal intelligent tutors – learning faster and training more efficiently.
- Prototyping of this teaching and training capability will occur in Department of Defense Education Activity schools.
- Project Aristotle builds on the foundation of learning concepts from the 1965 Project Head Start program and DARPA's Education Dominance program.

SPECIAL EVENT

WEDNESDAY
30 NOVEMBER
0830-1000
ROOM W307AB

Joint Training Future: A Warfighter's Perspective



Moderator:

Frank DiGiovanni

Director, Training Readiness and Strategy, ODASD (Readiness)

Panelists:

Lieutenant General Karlheinz Viereck, German Air Force

Deputy Chief of Staff, Joint Force Training Allied Command Transformation NATO

Major General Raymond C. Fox, USMC

Commanding General, Training and Education Command

Major General Mark A. Clark, USMC (Invited)

Chief of Staff, U.S. Special Operations Command

Major General Brett T. Williams, USAF

Director of Operations, Deputy Chief of Staff for Operations, Plans and Requirements, Headquarters U.S. Air Force

Rear Admiral Thomas A. Cropper, USN

Commander, Strike Training Group Pacific

Colonel (P) Pat White, USA

Deputy Commander, U.S. Army Combined Arms Center-Training

Today's force has been forged by ten-plus years of challenging combat operations in Iraq, Afghanistan, and elsewhere. These conflicts have resulted in a significant shift toward joint and integrated operations that are characterized by ground maneuver elements supported by joint Intelligence, Surveillance, and Reconnaissance, joint fires, and other key mission enablers. This operational focus has caused a necessary shift in the way we train our forces and preserve recent lessons learned into the future.

The future will be characterized by increased ambiguity and future conflicts will be conducted within a dynamic political, social, and information environment. This will require an increasingly adaptive force, and no Service can go it alone; future plans will integrate joint, interagency, and international partners to maximize effectiveness, capitalize on joint synergies, take advantage of multiple operational perspectives, and foster increased teamwork. Adhering to the adage "train like you fight," preparing for such complex operations will require innovative training strategies.

At this special event, senior leaders will present various Service and combatant command perspectives on the future of joint training. The panel will address the fundamental question of how to train for today's fight while simultaneously building tomorrow's force to prevent and, if required, prevail in future conflicts.

SPECIAL EVENT

WEDNESDAY
30 NOVEMBER
1030-1200
ROOM W307CD

Medical Simulation: A Vision for the Future



Moderators:

Beth Pettitt

Branch Chief, Army Research Laboratory, HRED, STTC

Jennifer Arnold

Principal, Booz Allen Hamilton



Panelists:

Colonel Karl E. Friedl, USA, PhD

Director, Telemedicine and Advanced Technology Research Center, U.S. Army Medical Research and Materiel Command

Haru Okuda, MD

National Medical Director for the Department of Veterans Affairs Simulation Learning Education and Research Network & Associate Professor of Emergency Medicine, University of Central Florida College of Medicine

Roger Smith, PhD

Chief Technology Officer for Florida Hospital, Nicholson Center

David Feinstein, MD

Assistant Professor of Anesthesia, Harvard Medical School; Director, IT and Simulation Training, Department of Anesthesia, Critical Care and Pain Medicine, Beth Israel Deaconess Medical Center, Boston, MA

Michael DeVita, MD

Attending Intensivist, St. Vincent's Hospital, Bridgeport, CT

Thomas Dongilli, AT

Director of Operations, Winter Institute for Simulation Education and Research, University of Pittsburgh, Pittsburgh, PA, Administrator University of Pittsburgh Department of Anesthesiology and School of Medicine

Sandra J. Feaster, RN, MS, MBA

Assistant Dean, Immersive and Simulation-based Learning; Director, Goodman Immersive Learning Center in the Li Ka Shing Center for Learning and Knowledge

Medical simulation facilitates training that addresses experiential gaps, demonstrated competencies, and “lessons to learn” for healthcare teams in a risk free environment. Healthcare leaders see this type of training as an answer to improving patient safety and outcomes. However there still remain issues related to the use of medical simulation for training, perceived use of medical simulation throughout healthcare organizations, criteria used to determine the use of medical simulation for training, the required realism, and the required financial investment.

This exciting event will give the audience an opportunity to hear from experts across the medical, academic, government, and industry arenas on the present use and future state of medical simulation. The audience will have a unique

opportunity to shape this event by presenting questions as the event begins. All attendees will gain a clear understanding of:

- Strategic vision for medical simulation training, highlighting the need for research and development
- Focus areas for medical simulation within both civilian and military healthcare organizations
- Current usefulness of simulation in healthcare
- Identified high risk patient issues that require medical simulation training in the future
- Overall future requirements of medical simulation

We are pleased to announce an exciting bonus to this premiere event titled, “Perimeter Patrol,” displaying groundbreaking and novel solutions developed to meet the broader medical simulation arena needs.

SPECIAL EVENT

WEDNESDAY
30 NOVEMBER
1400-1530
ROOM W307AB

Starfish Leadership

Moderator:

Ori Brafman

Author of *Starfish and the Spider*



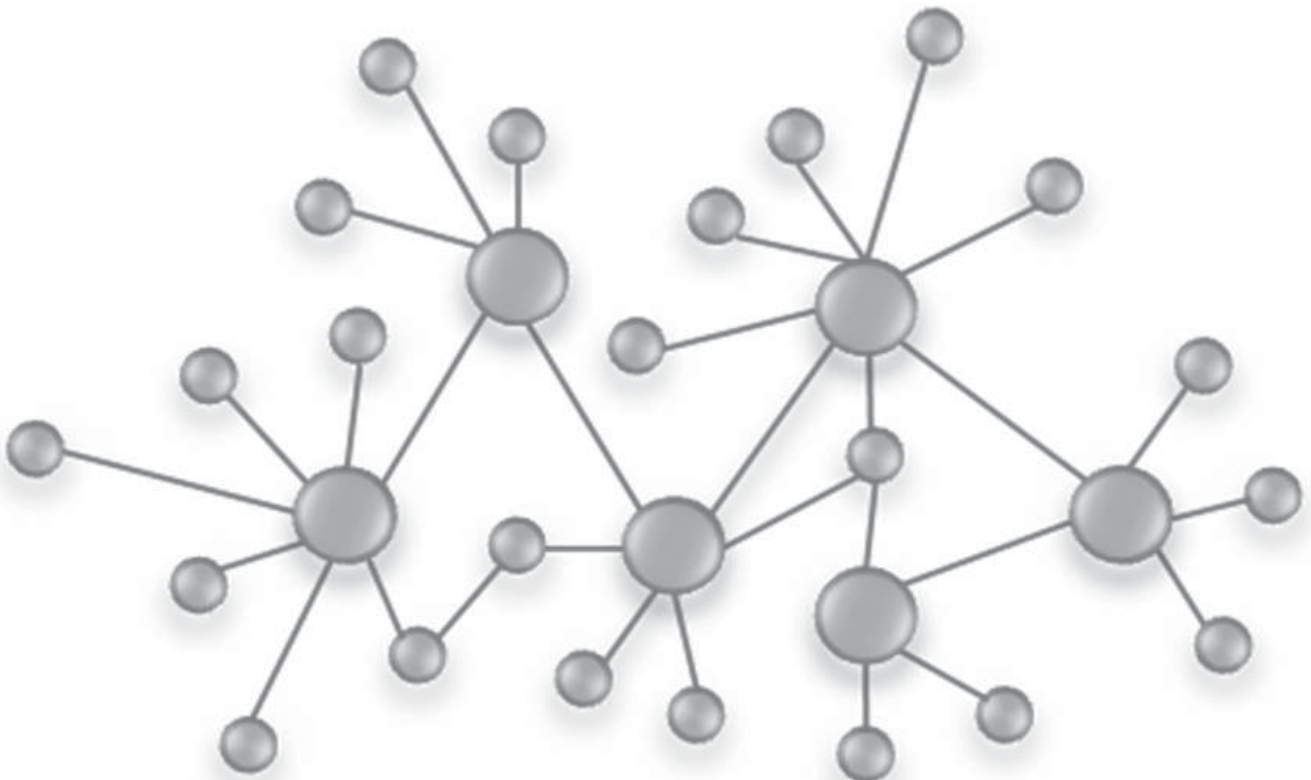
If you cut the head off a spider, it dies. If you cut the arm of a starfish, however, the starfish grows a new arm. Not only that, but the severed arm can grow an entirely new starfish. How can we become adaptable like the starfish? New York Times bestselling author, Ori Brafman, has been trying to answer this exact question with the U.S. Army. In this presentation, Brafman will describe the Army's starfish program, and will share how leaders can build trust-based networks that make organizations more agile and effective.

He will describe examples of:

- starfish organizations that are changing society
- how to adapt in a starfish world
- how to become a “catalyst” leader that builds networks, and then gets out of the way.

Ori Brafman, born in Israel and raised in El Paso, Texas, has been a lifelong entrepreneur in business, government, and the nonprofit sector. His projects include launching healthy fast food restaurants, leading political and advocacy campaigns, and co-founding Courtroom Connect, a wireless network company. In 2001, Ori co-founded a network of more than 1000 CEOs working for peace and economic development projects. Most recently, Ori has facilitated a course at the Stanford Graduate School of Business.

Ori's first book, *The Starfish and the Spider: The Unstoppable Power of Leaderless Organizations* (Penguin Portfolio) was released in October 2006, and is currently in its 16th printing. Ori has appeared on BBC, National Public Radio, Wall Street Journal/MarketWatch video, Fox News, and CSPAN among others. He has presented before diverse audiences at Microsoft, Amazon, and Harvard Business School. Ori holds a BA in Peace and Conflict Studies from UC Berkeley and an MBA from Stanford University Graduate School of Business.



Powerful Networking

SPECIAL EVENT

WEDNESDAY
30 NOVEMBER
1400 - 1530
ROOM W304F

Best Papers from Around the Globe

A Collection of Best
Papers from SimTecT
and ITEC



Coordinator and Session Chair:

Dr. John Huddleston
Cranfield University, United
Kingdom

Deputy Chair:

Jennifer McNamara
BreakAway, Ltd.
Hunt Valley, Maryland,
United States

*Where is the Wii? The Application of Virtual Reality Simulation to
Aircraft Marshalling - a Case Study*

SimTecT 2011 Best Paper
Squadron Leader Lisa Macnaughtan, Royal Australian Air Force
Chief Engineer, School of Technical Training

*Distributed Training and Exercise Capability to Support Current
Operations*

ITEC 2011 Excellence Award Winner
Lt Col Chris Hall, British Army
Distributed Training and Exercise Programme, NATO HQ
Supreme Allied Command Transformation

Dr. Hans Jense
Chief, Capability Planning and Exercises and Training,
NATO Consultation, Command and Control Agency (The
Hague)

Dynamic Terrain Management for Large Groundwarfare System
ITEC 2011 Excellence Award Winner

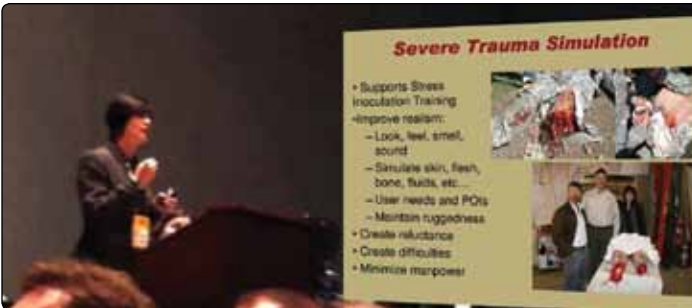
Christian Jutteau
Innovation and Research and Development Manager, The
Thales Group (France)

Bringing together the Best Papers from other premier simulation and training conferences around the world, the Best from Around the Globe session highlights work recognized in I/ITSEC's sister conferences abroad. This year we feature Best Papers from our sister conferences SimTecT, held annually in Australia and ITEC, held this year in Germany.

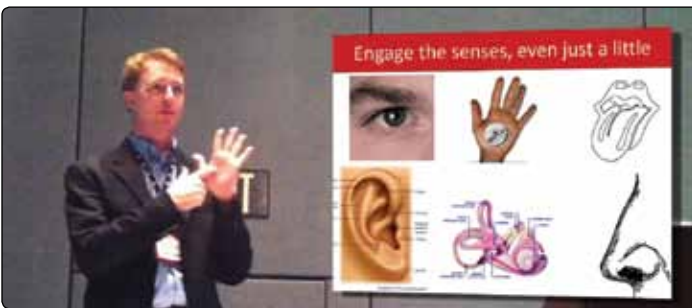
SPECIAL EVENT

WEDNESDAY
30 NOVEMBER
1600-1730
ROOM W307AB

Ignite!



Ignite! I/TSEC 2010: Teresita Sotomayor, U.S. Army Research Laboratory, HRED, STTC



Ignite! I/TSEC 2010: Stephen Gilbert, Iowa State University

Ignite got its start in Seattle in December 2006, showing once again that there is more to that town than Starbucks. No caffeine jolt here, but you will be jolted!

So what is Ignite?

It is fast-paced. It is a high-energy event of 5-minute presentations that has proven hugely successful with today's social media-immersed generation. It is local, but also global; it stimulates and invigorates. Ignite is a force for raising the collective IQ and to build connections. Ignite presenters share their thoughts, passion, and professional experiences in 20 slides that auto-advance every 15 seconds, creating a fun and thought-provoking event. In keeping with Ignite's motto, we are planning to:

"Enlighten us, but make it quick."

See more of the 2010 Ignite at I/TSEC series on YouTube at <http://www.youtube.com/igniteitsec>

INTERNATIONAL PROGRAMS



International Pavilion

Room W205

International attendees can meet and connect with counterparts from around the world. Limited private meeting space is available on a first-come, first-served basis to our international participants and may be scheduled at the International Pavilion's Welcome Desk. Additional information about the many internationally-tied activities throughout I/ITSEC are readily available in the International Pavilion. *Sponsored by CAE.*

International Registrants should register at the dedicated **International Check-in** station positioned near the Main Registration Desk on Level Two, Hall AB Registration. International Conference Attendees' Meeting Bags will be available for pick-up at the Welcome Desk in the International Pavilion. More information specific to international attendees will be available at that location.

International Pavilion Hours of Operation

Sunday, 27 November	1400-1800
Monday, 28 November	0800-1830
Tuesday, 29 November	1030-1830
Wednesday, 30 November	0800-1600
Thursday, 1 December	0800-1530

Program Notes of Special Interest for International Attendees

Papers:

Explore your Program for the → indicating Papers from International Authors.

Tutorials:

Monday, 28 November • 0830 - 1000 • Room W304E
Simulation Conceptual Modeling (1123)

Monday, 28 November • 1430 - 1600 • Room W307AB
SCORM 2004 for Instructional System Designers: Best Practices (1122)

Monday, 28 November • 1430 - 1600 • Room W304F
HLA 201: What's New in "HLA Evolved" (1157)

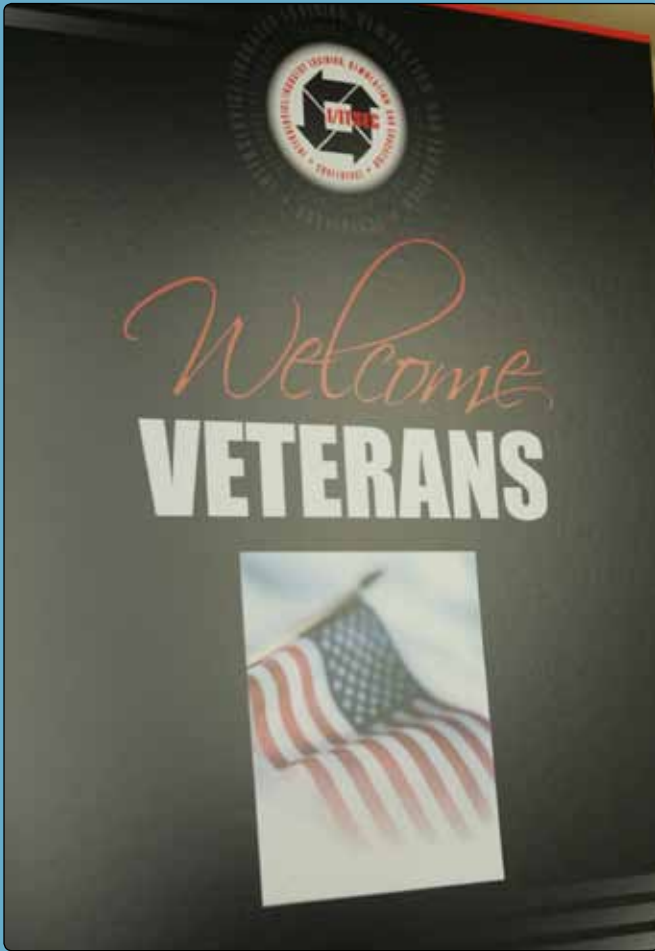
Special Events:

Tuesday, 29 November • 1600 - 1730 • Room W307AB
Aristotle Meets the 21st Century

Wednesday, 30 November • 1600 - 1730 • Room W304F
Best Papers from Around the Globe: A Collection of Best Papers from SimTecT and ITEC

Check in the International Pavilion for information about the International Reception on Wednesday evening, sponsored by Province of New Brunswick, Canada.

SPECIAL GUESTS



Central Florida Veterans Organizations

The citizens of the United States are more supportive of today's men and women in Military Service than they have been since WWII. The Overseas Contingency Operations continue to be of great concern to all, whether in uniform or not. In an effort to especially inform U.S. Veterans about the dramatic changes in training methodologies and systems since their time in Service. Since 2006, we have had the pleasure and honor to receive select members of Central Florida Veterans Organizations visit the I/ITSEC exhibits. The successful experiences in broadening the Veterans' understanding of today's training transformation as well as the appreciation of the other I/ITSEC attendees in seeing the Veterans, some in their uniforms and with their decorations, has made this an annual event for I/ITSEC. When you see these Veterans, thank them for their service to the Nation.

