PAPERS

Paper Process

ABSTRACTS (Stage P1). As a prospective author, your chances of having an abstract accepted are significantly greater if you send your abstract to the appropriate subcommittee, so please read the descriptions carefully. It is also vital that you submit your abstract on time. Refer to www.iitsec.org for additional aid.

PAPERS (Stage P2). If your abstract is selected for expansion into a paper, you will be assigned a bird dog, who will be your liaison to the subcommittee and the champion for your paper. Your chances of having your paper accepted are significantly greater if you work closely with your bird dog. Papers may be accepted for publication and presentation at the conference, or publication only in the conference proceedings. The selection process includes best paper, honorable mention, and CEUs.

PRESENTATIONS (Stage P3). If your paper is selected for publication and presentation, you will be required to submit a presentation for review prior to the conference. Presentations should be designed for a 20 minute time-slot, plus five minutes for questions and answers. Detailed requirements for the presentations will be available on the I/ITSEC web site.

IMPORTANT DATES

Instructions for each step will be posted at least two weeks before the process opens.

6 January Abstract Submittal Opens
27 February Abstract Submittal Closes
NLT 4 April Authors Notified
5 May Paper/Draft Tutorial Presentation Submittal Opens
13 June Paper/Draft Tutorial Presentation Submittal Closes
11 July Clearance Forms Due
NLT 31 July Authors Notified
21 August Paper Revisions Due
25 August Presentation Submittal Opens
26 September Presentation Submittal Closes
1 December Speakers’ Meeting and Reception

We are pleased to continue to offer “one per paper” and “two per tutorial” complimentary registrations at I/ITSEC. After Stage P2 and T2, authors will be notified and provided instructions for taking advantage of this benefit. This is full registration, to include access to all Tutorials, Papers, Special Events, Workshops, Exhibit Floor access during open hours, Meals, and Meeting Materials to include the Proceedings CD.

TUTORIALS

I/ITSEC presents a tutorials program covering a diverse set of topics essential to the simulation, training, and education communities. This program provides opportunities in three areas: 1) foundational subjects, including preparation for certification as a Modeling and Simulation Professional (CMSP); 2) refresher and more advanced learning opportunities (needed to maintain certification); and 3) emerging topics of particular interest to I/ITSEC attendees. Each tutorial provides an opportunity for Continuing Education Units (CEUs). Most tutorials are 90 minutes in length but special provisions for longer tutorials are possible when warranted.

Tutorials Process

The complete process for submitting tutorials is detailed in the Tutorial Presenter’s Guide, available for download from the Authors section of the I/ITSEC web site. There are three main stages in the process.

ABSTRACTS (Stage T1). As a prospective tutorial presenter, you will submit an abstract, topical outline, and a set of learning objectives. Note: Tutorial authors do not submit papers.

PRESENTATIONS (Stage T2). If your abstract is selected for expansion into a complete tutorial presentation, you will be assigned an I/ITSEC bird dog, who will be your liaison to the tutorial board and be the champion for your presentation. You will submit a draft set of presentation slides and a set of CEU exam questions to the tutorial board for review. Detailed requirements for the presentations will be available on the I/ITSEC web site.

FINAL PRESENTATIONS (Stage T3). If your presentation is selected for I/ITSEC 2014, you will receive bird dog feedback and then you will submit a final tutorial for presentation.

POINTS OF CONTACT

I/ITSEC 2014 Program Chair
Janet Spruill (formerly Cichelli)
Serco, Inc.
Phone: 301-325-9459
E-mail: janet.spruill@serco-na.com

I/ITSEC 2014 Tutorial Chair
Dr. Robert Richbourg
Institute for Defense Analyses
Phone: 703-845-2158
E-mail: rrichbou@ida.org

General Conference Information
National Training and Simulation Association
Arlington, VA
Phone: 703-247-2569
E-Mail: bmcdaniel@ndia.org

Exhibitor Information
Phone: 703-247-9480
E-mail: ddyson@ndia.org

http://www.iitsec.org
THE CALL

I/ITSEC has a long-standing reputation as one of the most trusted resources for professional development and thought leadership across industry, academia, and government. Nowhere else will you find a more knowledgeable community of professionals who are all committed to sharing their ideas, experience, and knowledge.

Our industry’s heritage runs deep with innovative examples for how modeling, simulation, and advanced training technologies and techniques have enhanced military readiness and saved lives on the battlefield. Acknowledging this, the U.S. Congress has officially recognized modeling and simulation as a “national critical technology” that contributes to the security and prosperity of the United States. Across the globe, modeling and simulation is continuing to expand and revolutionize other application areas, such as homeland security, cyber defense, transportation, medicine, and education. In this era of new and continued challenges, evolving adversaries, and budgetary uncertainty, the need for smarter use of available funds and increased training efficiency and innovation has never been greater. I/ITSEC provides the world’s premiere event for modeling, simulation, and training professionals to gather, interact and learn.

The theme selected for this year’s conference, “Trained and Mission Ready: Deter, Defend, Defeat”, emphasizes the critical technology that contributes to the security and prosperity of the United States. Across the globe, modeling and simulation is continuing to expand and revolutionize other application areas, such as homeland security, cyber defense, transportation, medicine, and education. In this era of new and continued challenges, evolving adversaries, and budgetary uncertainty, the need for smarter use of available funds and increased training efficiency and innovation has never been greater. I/ITSEC provides the world’s premiere event for modeling, simulation, and training professionals to gather, interact and learn.

THE CONFERENCE

I/ITSEC is an annual forum for representatives from the military, industry, and academia to connect and share knowledge. The conference draws over 16,000 attendees from industry, government and academia, and features over 400 exhibits. The United States Army will serve as the lead proponent service for I/ITSEC 2014 in partnership with all military services. I/ITSEC is sponsored by the National Training and Simulation Association (NTSA), an affiliate of the National Defense Industry Association (NDIA).

THE SUBCOMMITTEES

TRAINING

This subcommittee seeks papers that discuss the application of innovative concepts, methods and technologies to create effective training solutions. Papers should present a design framework based on literature, analysis of current solutions and training needs, and practical application. Popular topic areas include agile and adaptive training strategies, integration techniques, interoperability, individual and collective team training, crew coordination, and legacy system upgrades. Evaluations of training effectiveness and lessons learned, documented with quantifiable data, are also encouraged. Emerging areas of interest include technology-based medical training, augmented reality and virtual training environments, game-based learning, and training techniques to deal with uncertain and rapidly changing environments. The subcommittee is interested in all phases of training system design and development including planning, analysis, design, development, deployment, evaluation and life cycle support.

SIMULATION

This subcommittee seeks papers on the applied science of modeling and simulation, including simulation architectures or techniques, as well as the representation of synthetic entities or environments for use in training, rehearsal, gaming or analysis. Papers should present and explain innovative theories and applications of modeling and simulation. Discussions should detail the technical challenges, lessons learned, and unique developments associated with creating, interacting with, and maintaining simulation systems. Topics of interest include: the evolution of modeling and simulation technology; interoperable simulation architectures; human behavioral modeling; advances in medical simulation; and the methodology used to create and present physical and behavioral representations of entities and environments within live, virtual, constructive simulations and gaming (LVC-G).

EDUCATION

This subcommittee seeks papers that discuss the development and application of instructional strategies, methods, theories, and best practices that promote or advance learning. Papers should clearly articulate recent and innovative advances made in development and application of standards, methods, theories and strategies, across all phases of the training lifecycle (analysis, design, development, delivery, and evaluation), to promote learning. Of particular interest are papers that report qualitative and/or quantitative data about the application of methods and theories using new media types. Conceptual papers that discuss continuous improvements to military education should include quantitative and qualitative data that supports the paper’s findings. Emerging areas of interest include individual, team, collective, joint, and coalition training with a focus on blended learning, mobile learning, adaptive curriculum, social learning, and leadership development.

EMERGING CONCEPTS & INNOVATIVE TECHNOLOGIES

This subcommittee is seeking papers related to policy and management issues associated with the acquisition and implementation of education, training, courseware and simulations and the workforce that provides those capabilities. Papers are sought that provide insight into successful approaches for managing requirements for, acquiring, implementing, and sustaining these capabilities. Such papers should provide qualitative and quantitative data to help substantiate outcomes discussed within the paper; and where possible, characterize return on investment. Papers may address emerging government policy or the need for policy with respect to education, training, courseware and simulations. The PSMA subcommittee is also interested in papers that address the standards that apply to these capabilities, to include technical standards and performance standards.

HUMAN SYSTEMS ENGINEERING

This committee seeks papers that address how humans are an integral component within systems and in mission accomplishment. Papers should address the application of theories, methods, and tools related to the human element for topics such as: usability/user experience; communities of practice; organizational effectiveness; interactive electronic technical manuals (IETMs), electronic performance support systems (EPSSs); job aids; human-computer interface (HCI); maintenance mentoring; decision-support systems; knowledge management tools and techniques; human performance assessment; and the application of Human Systems Interface (HSI) methods and technologies. Specifically, the committee seeks papers (supported by the collection of data relevant to the human within the learning environment) that address human performance enabled through on-demand availability of structured knowledge, task and decision aids, human-centered design, and fielded systems that leverage and extend the capabilities of an individual or team. Papers supported by human performance data gathered from innovative, scientifically valid experiments are especially valued.

POLICY, STANDARDS, MANAGEMENT & ACQUISITION

This subcommittee is seeking papers related to policy and management issues associated with the acquisition and implementation of education, training, courseware and simulations and the workforce that provides those capabilities. Papers are sought that provide insight into successful approaches for managing requirements for, acquiring, implementing, and sustaining these capabilities. Such papers should provide qualitative and quantitative data to help substantiate outcomes discussed within the paper; and where possible, characterize return on investment. Papers may address emerging government policy or the need for policy with respect to education, training, courseware and simulations. The PSMA subcommittee is also interested in papers that address the standards that apply to these capabilities, to include technical standards and performance standards.