

# Call for Presentations



**Deadline: Friday, 30 September 2011  
for the  
Department of Defense Human Factors Engineering  
Technical Advisory Group  
(DoD HFE TAG)**

**Meeting 66  
24-27 October 2011  
Hosted by the U.S. Navy**

**Sheraton Premiere at Tysons Corner  
8661 Leesburg Pike  
Vienna, VA 22182**

## **Outfitting for the Mission: HFE and HSI in Training and Interface Design**

Before embarking on a mission, warfighters must have the right tools to accomplish that mission. These tools consist both of the warfighters' physical tools (e.g. decision support tools, display technologies, weaponry etc.) and their cognitive tools (e.g. knowledge, skills and abilities). Human Factor Engineers (HFE) and Human Systems Integration (HSI) practitioners have an essential role in outfitting the warfighter with both toolsets. By emphasizing human considerations in equipment design - specifically, at the human system interface - these practitioners ensure that warfighters can easily and effectively interact with their physical tools. By developing more effective training technologies, practitioners ensure that warfighters will be able to successfully employ their equipment during mission execution. In recognition of the critical role that interfaces and training play in enabling mission success, the Human Systems Community of Interest (HS Col) recently selected Training and Interfaces as the top two priority areas for future S&T investments. By selecting these two areas, the HS Col highlighted the need for HFE and HSI practitioners to provide innovative solutions in these domains in order to enable our forces to capitalize on rapidly evolving technologies and revolutionary changes in our understanding of the science of training and to stay ahead of evolving threats. The purpose of this TAG is to provide a venue in which practitioners can discuss ways to improve interfaces and training systems, thereby guaranteeing that warfighters are properly outfitted, physically, cognitively and technically, to meet future challenges.

### **Abstract Submission:**

Send your **one page abstract** no later than Friday, 30 September 2011 to the SubTAG that best fits your topic. If you are not sure which category fits the subject matter in your proposal, contact the program chair(s) in the category that best represents your topic for further assistance. Use the following links for more information about each of the SubTAGs, to contact the SubTAG Chair(s) and to submit your abstract:

<a href="#"><u>Controls &amp; Displays</u></a>	<a href="#"><u>Design: Tools &amp; Techniques</u></a>	<a href="#"><u>HFE/Human Systems Integration: Management &amp; Applications</u></a>
<a href="#"><u>Human Factors in Extreme Environments</u></a>	<a href="#"><u>Human Factors Standardization</u></a>	<a href="#"><u>Human Factors Test &amp; Evaluation</u></a>
<a href="#"><u>Human Factors in Training</u></a>	<b>SubTAG Links</b>	<a href="#"><u>Human Modeling &amp; Simulation</u></a>
<a href="#"><u>Human Performance Measurement</u></a>	<a href="#"><u>Personnel Selection and Classification</u></a>	<a href="#"><u>System Safety/Health Hazards/Survivability</u></a>
<a href="#"><u>Technical Society/Industry</u></a>	<a href="#"><u>User-Computer Interaction</u></a>	<a href="#"><u>Cognitive Readiness Interest Group</u></a>
	<a href="#"><u>Unmanned Systems Interest Group</u></a>	

**Meeting Format:**

SubTAG sessions generally run about two hours with individual paper presentations that are between 15 to 30 minutes in length. However, since this varies from session to session, acceptance notifications will contain more detailed information about presentation time allotments.

**Abstract Format:**

Font: 11 or 12 point type, Arial font. Margins: 1.0 inch left, right, top and bottom.

Submission: Electronic format is preferred: PC-readable disk or e-mail in Word format. If that is not possible, submit hardcopy that meets all the format requirements.

**Do not include classified, acquisition sensitive, or proprietary information.**

You may wish to have your sponsor's approval before briefing at the TAG. The presentation you submit to the subTAG chair along with your summary will be posted in the Minutes published on the TAG website.

**TITLE:** Full presentation title.

**PRESENTER:** Name, title, organization, complete mailing address, phone number, DSN (if applicable), email. Separate with commas on two or three lines to leave as much space for narrative as possible.

**SYNOPSIS:** Narrative. Briefing slides will be published, however if you included any sensitive information, you may submit an unclassified version to be posted on the TAG website. Address all important points of your presentation in a succinct manner. Abstracts should be no longer than one-half page (4.25 inches in height or 25 lines maximum). Note general format above.

For presentations discussing results of research and applications:

Concentrate on completed research or interim results which have not been previously reported at the TAG. Include a general statement to orient the reader to the problem under study, the findings, and the recommendations.

For presentations discussing programs in progress:

Acquaint others with on-going work, so we may know what others are doing. Mention participating individuals, phone numbers, organizations, and the portion of work each is addressing so they may be contacted for more information. Mention joint-service participation and dual-use technologies. If the program is producing a product, mention what it will do; and identify the intended user community.

**Important Dates:**

Intention of submission	As soon as possible	Contact the SubTAG Chair(s).
1-page abstract submission	30 September 2011	Due to the SubTAG Chair(s).
Accept/reject notification	7 October 2011	
Basic registration deadline	9 October 2011	Regular - \$125, Full-time Student - \$5
Late/on-site registration	10 October – 27 October 2011	Regular - \$150, Full-time Student - \$30
DoD HFE TAG-66	24 - 27 October 2011	See you in Vienna, VA!

**Meeting Registration and Program Information:**

Registration and full program info will be available via the TAG website.

The program summary is available through the TAG's website at:

<http://www.hfetag.com/meetings.html>

**Hotel Reservations:**

Sheraton Premiere at Tysons Corner

8661 Leesburg Pike

Vienna, VA 22182

Phone: (703) 448-1234

[Sheraton Premiere at Tysons Corner](#)

To make your hotel registration, click here [TAG 66 Reservation](#).

You can also call 1-800-572-7666 for reservations and mention the code 'TAG.'

**TAG Website:**

<http://www.hfetag.com>