



Department of Defense Human Factors Engineering Technical Advisory Group CALL FOR ABSTRACTS

DoD HFE TAG Meeting #74, 04-08 May 2020

Naval Surface Warfare Center Port Hueneme Division
4363 Missile Way, Bldg. 1388 Port Hueneme, CA 93041

Theme: *Resilience 2020: Are we ready?*

The demanding nature of continuous operations and ever-changing threat vectors require military and civilian personnel to demonstrate optimal cognitive and physical performance in the face of challenging situations. Factors such as environmental stressors, physiology, fatigue, resources, culture, leadership, and communications affect human physical, mental, and emotional states. These impacts may materialize and even compound in terms of reduced readiness and resilience of our military forces and civilian workforce. The focus of TAG 74 is to apply an interdisciplinary approach to the exploration of human centric factors, challenges, and solutions to whole system resilience as a major enabler of mission readiness and a more lethal force.

This year's DoD HFE TAG will provide opportunity to interact with the forward leaning In-Service Engineering Agent (ISEA) of the Future Team who is leading a collaborative approach to research, development, and application of advanced technologies for engineering, test, maintenance, and logistics support to fielded equipment. This interaction will foster government, academic, and industry HFE practitioners' cognizance of the effort and opportunities to align efforts to address cross service, human performance challenges and solutions which promote operational readiness and resilience.



In addition to paper/poster sessions, the Mixed Reality SubTAG is soliciting submissions for innovative technology hands-on demonstrations. This is a wonderful opportunity for us to learn, leverage, and share how HFE is supporting effective integration of emergent technologies into defense systems. Space will be limited, if you are interested in securing a slot to showcase your product please contact Marianne Paulsen at marianne.paulsen@navy.mil.

Logistics

- No cost registration: <https://einvitations.afit.edu/inv/anim.cfm?i=496863&k=066844017D54>
- Travel and per diem costs are the responsibility of the attendee's home organization
- TAG is held at US DoD facilities, **ALL** participants must be US citizens unless otherwise coordinated with TAG Leadership

Important Dates

- Abstract Submissions: 15 JAN – 06 MAR
- Notification of Acceptance: 20 MAR
- Online Registration: 15 JAN – 24 APR
- Final Presentations Due: 24 APR

Schedule

Notional session schedule and tour details will be updated as planning solidifies.

Meeting Approval

The meeting approval is currently under review by OUSD(R&E), check TAG Website for updates.

Training / Workshop

Open to all TAG attendees: The TAG TS/I SubTAG will be presenting training on SAE HSI Standard 6906 *Standard Practice for Human Systems Integration* which identifies the DoD approach to conducting HSI programs as part of procurement activities throughout design, development, test, production, use, and disposal. Acquisition phases. The training will address the important elements of HFE/HSI program application across phases of acquisition pathways.

Invitation only: Naval Postgraduate School will be facilitating a workshop to solicit guidance from the TAG Operating Board on the emerging DOD guidance which presents six pathways for adaptive acquisition based on need urgency, technology maturity, and system type. This activity will explore impacts to HSI programs through consideration of the when, where, and how of key HSI activities. The output will feed directly into HSI training and education programs and be made available for use in policy and guidance.

Non-Government Attendees

Government contractor, private industry, and academic institution attendees may attend TAG through sponsorship by a government TAG member. The sponsor must submit a written request (email or other method) to the TAG Chair (see page 4) for approval at the time of registration in order for a non-member to attend.

Non-government attendees with active accreditation through TS/I do not require sponsorship. If you are interested in becoming a DOD HFE TAG TS/I representative please contact Steve Merriman (see page 4) for requirements.

Once endorsed through either sponsorship or TS/I designation, non-Government attendees have access to all unrestricted TAG events.

Sessions

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

Presentations

Submissions in PowerPoint or PDF format are preferred and should be made via email to the appropriate SubTAG Chair(s) AND the TAG Vice-Chair. Presenters are advised to bring a copy on a CD-R to the session.

Posters

Mount on foam-core or a similar solid backing material, suitable for display on wooden easels or attachment to walls. There are no size restrictions as long as the content can fit on a standard easel with an 18-24" base.

Distribution Statements (Presentations shall NOT be at a Classified Level)

Although the majority of TAG participants are DoD and other government agency civilians/military, attendees may also include academics, government contractors, and technical society and industry personnel. All materials shall be properly marked with a distribution statement. Distribution A is preferred to maximize inclusion and collaboration, other distribution levels can be accommodated through TAG Leadership if necessary.

For more information, check out the DoD HFE TAG website & social media platforms

<https://rt.cto.mil/ddre-rt/dd-rtl/hfetag/>



DoD HFE TAG #74 Abstract Submission Form

Please email this page only directly to the SubTAG Chair(s) AND the TAG Vice-Chair (see page 4)

Presenter

Name: _____ Title (Mr., Ms., Dr., etc.): _____

Organization: _____

Job Title: _____

Job Type Government Contractor Academia Other _____

Email: _____

Non-government employees, who are not a TS/I accredited representative, please identify a TAG affiliated, government sponsor:

Sponsor Name: _____ Sponsor Email: _____

Presentation

SubTAG Selection: _____

Format (select all that apply)

Poster Presentation Panel Hands-on Technology Demonstration

Type

Basic Research Applied Research Programmatic Review/Position/Other: _____

Distribution

*Distro A enabling public release is highly preferred; accommodations may be made for restricted sessions.

Distro A Other: _____

Abstract (Character Limit: 2000)

Title: _____

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