The System Development Technical Group under the Human Factors and Ergonomics Society (HFES) is organized to foster research and exchange information on integrating human factors and ergonomics into the development of systems. This includes principles, criteria, processes, tools, and techniques. System, in this context, includes any set or arrangement of elements related or connected so as to form a logical plan linking the various parts. These include consumer products, Internet web sites and applications and the many commonly recognized ‘systems’ such as computer, organizational, commercial power, vehicle systems, etc.

Examples of systems domains include:
- Computer Systems
- Aerospace Systems
- Consumer Products
- Commercial Power Systems
- Environmental Systems
- Organizational Systems
- Perceptual Systems
- Robotic Systems
- Vehicle Systems

SDTG supports information exchange on systems-of-systems design and Human Systems Integration (HSI) systems engineering processes.

**Outreach:**

During the SDTG business meeting in San Antonio (2009) the idea of sponsoring students to join the STDG was born. To this date we have sponsored 6 students and we are hoping that this number continues to grow. This is a great opportunity to introduce students to our TG and get them involved in our activities as it also promotes mentorship. If you know any student we would like to challenge you to sponsor them to join our SDTG this year. It only costs $5.00 per student!

**Recognition:**

At the SDTG we are committed to recognize excellence and we do this by honoring the best technical paper submission to the SDTG with the David Meister Award. The Award is presented to the author(s) during the HFES Annual Meeting. This award consists of a paper award and a $250 cash prize.
Activities:

The SDTG holds a yearly meeting in conjunction with the HFES annual meeting. This meeting provides a forum for members to share experiences and innovative methods used in systems development. The Technical Group sponsors systems development paper, panel, poster, and system development product demonstration sessions at the HFES annual meeting.

The SDTG has a number of tools for communicating with members throughout the year and enable members to communicate with each other:

- Quarterly newsletter containing articles, news and events.
- Website that provides information and resources for both members and the human factors community at large. [http://www.hfes.org/sdtg/](http://www.hfes.org/sdtg/)
- LinkedIn Group for communication and member discussion as well as information dissemination. All SDTG members are encouraged to join our LinkedIn Group. Start at: [http://www.linkedin.com](http://www.linkedin.com). Our group is called “Systems Development TG (SDTG-HFES).” You must have a LinkedIn profile in order to join any group.
- SDTG Listserve as a major means of communication and information sharing with, and among, TG members. All SDTG members can use this listserve directly to make announcements, post jobs, ask questions, or seek information from the group.

Membership:

The SDTG consists of about 175 members who work for government, academia and private industry where all manner of human-machine systems are analyzed, designed, tested, and evaluated.

Most SDTG members are also members of the Human Factors and Ergonomics Society; however, membership with HFES is not a requirement to be a member of the SDTG.

To join or renew SDTG membership, go to the HFES Technical Group web page and select the link appropriate to your needs. Dues are only $5.00 annually!