



San Diego Chapter

Human Factors and Ergonomics Society

HUMAN FACTORS ENGINEERING 101

This science, technology, engineering, and mathematics (STEM) event is brought to you by the San Diego Chapter of the Human Factors & Ergonomics Society (SD-HFES) and local human factors professionals in your community.

What is Human Factors?

Human factors and ergonomics uses knowledge of human abilities and limitations to design systems, organizations, jobs, machines, tools, and consumer products for safe, efficient, and comfortable human use.

Why should I attend?

Students who attend the human factors STEM events will be introduced to this exciting field, get a firsthand feel for the work that is done in a particular area of the field, and have an opportunity to ask questions from experts in the field. It's also a great way to know if you may want to pursue this field after graduation.

What: ***The Big Picture: Human Systems Integration and Systems Engineering***

Presented by Frank Lacson (AUSGAR Technologies) and Ana Borja (Space and Naval Warfare Systems Command)

When: **Tuesday February 26, 2019, 4:30-6:30 p.m.**
(Snacks/Light dinner provided)

Where: **AUSGAR Technologies**
10721 Trenea Street, Suite 100
San Diego, CA, 92131

Schedule **4:30-5:00 Ice Breaker / Intro to Human Factors**
Learn about human factors engineering from experts in the field, and how it relates to the "big picture" of Human Systems Integration and Systems Engineering.

5:00-6:15 Group Exercises
Work through a series of interactive group exercises based on real-world scenarios.

6:15-6:30 Wrap-up / Ask the Experts
Q&A session for students and experts. Information will also be provided on various college programs for those interested in pursuing Human Factors in the future.

Upcoming STEM Events

March 2019

No Session: SD-HFES Judging at
Greater San Diego Science &
Engineering Fair

April 2019

Forensic Human Factors
Presented by Joe Cohen, PhD (Error
Analysis)

Data and Location:
Coming Soon

*Stay tuned for more exciting
human factors and ergonomics
events in your area!*

*For more information on
SD-HFES, contact
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or visit www.sdhfes.org*

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*Act fast, space limited to first
10 students to respond*