

AIAA Houston Section Technical Committees

DANIEL NOBLES, CHAIR

Technical Committees are the heart of the AIAA Houston Section. This is where colleagues gather to swap ideas, learn from one another, and as a group can bring in fascinating speakers to lunch and learns on topics that interest them. They allow you to do your job better, and make friends that can help you in your career.

The mentoring that committee members experience can truly make a difference in your career. If you are a member of the AIAA in order to attend conferences and join national technical committees, then you are truly missing out on some of the best benefits of your membership. Please attend our Annual Technical Symposium and discuss your qualifications to join a Houston Section Technical Committee. We accept everyone from students to seasoned graybeards. Perhaps now is the time to really gain the full benefits of AIAA membership.

The expectations for committees are simple: meet the group at least twice a year and set up two lunch and learn sessions per year. That being said, not every member is expected to attend every meeting or lunch and learn. Work comes first, but when time permits, you will never regret joining a technical committee. It also adds food for discussion during those annual performance appraisals. Stand out among your peers. Join an AIAA Houston Section Technical Committee and show your boss that you are committed to your field.

If three people are interested in starting a new technical committee such as payloads or space commercialization, we would be happy to create a new technical committee for you and assist you in recruiting new members.

Current technical committees are: Astrodynamics; Automation and Robotics; Program Management & Integration; Extravehicular Activity; Guidance, Navigation, and Control; History, In-space Imaging and Crew Observation; Space Operations; Life Sciences, Space Processes and Human Factors; Propulsion and Power Systems; Safety and Mission

Assurance; Systems Engineering; Space Commercialization; and the International Space Activities Committee (ISAC).

We also have numerous other groups that you could join if you have an interest in setting up Programs, learning Journalism, web devel-

opment, mentoring children, or Public Policy. With elections around the corner, feel free to talk to one of us about getting more involved in a leadership role (elected or appointed).




chair2012@aiaahouston.org

(Daniel A. Nobles)

Links:

<https://people.nasa.gov>



American Institute of Aeronautics and Astronautics
Houston Section

Annual Technical Symposium

May 17, 2013 (Friday)
Gilruth Center
NASA/JSC
Walk-ins Welcome





INCOSE
International Council on Systems Engineering

Image Courtesy of Wikipedia

Invited Speakers

Invited Morning Kickoff Speakers
Anousheh Ansari, *Commercial Space*
Jemison Group, *100 Year Starship*

Invited Luncheon Panel
Scott Kelly, JSC Center Director Ochoa,
Jack Bacon, James Oberg, Art Dula
Human Space Policy

Proposed Topics

Space Exploration
Space Commercialization
Systems Engineering
Astrodynamics
Avionics and Software
Structural and Mechanical Engineering
Robotics
Guidance, Navigation, and Control (GN&C)
Extra-Vehicular Activity (EVA)
Aerospace Technologies
Space History (Including Skylab 40th Anniversary)
Climate Change Science & Public Policy

Schedule

0745 Registration (*open all day*)
0815 Morning Keynote Speaker
0900 Morning Sessions
1230 Afternoon Keynote Panel

Lunch (provided by Gilruth)
Optional but requires reservation by Thursday, 5/9/13 (A limited number is available after that time)

1330 Afternoon sessions
1630 End of Symposium

Symposium Plans

Registration all day at the Gilruth Center 0745-1630
\$15 for Presenters and Attendees (lunch included)
Register and Pay Online: www.aiaahouston.org
Advance reservations are required for those selecting the optional lunch buffet (see deadlines)
Civil Servants (CS) should register through SATERN (search "AIAA" in the catalog). CS registration fee will be paid if registering through SATERN.

Presenters: see deadline for abstract submission

AIAA membership and JSC badging not required

Presentations limited to 30 minutes
Laptop computers and computer projectors provided

No paper required
Only abstracts will be published.

Complimentary coffee, beverages, and snacks

Lunch available
Reserve online in advance (RSVP by 5/9/13)
Lunch includes vegetarian option

All are encouraged to attend or present

Take advantage of this opportunity to present your current efforts and to showcase your company or organization

Deadlines

April 29, 2013 (Monday)
Abstracts due online
May 6, 2013 (Monday)
Abstract acceptance notices sent out
May 9, 2013 (Thursday)
Reserve optional lunch
May 17, 2013 (Friday): **ATS**
Registration all day

Contact

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www.aiaahouston.org