Remote Sensing Technologies Event
October 12, 2016
8:00AM to 4:00PM
at the NASA Johnson Space Center

Are you developing remote sensing-related technologies?

Are you looking for remote sensing-related solutions or collaboration partners?

The Technology Collaboration Center of Houston is holding a Remote Sensing Technologies Event, at the NASA Johnson Space Center, on October 12, 2016.

This event will bring together organizations needing or developing new remote sensing-related technologies, with presentations on the latest technology advances and unmet challenges, in a format providing an opportunity for participants to network and explore potential partnerships.

"Remote Sensing" covers a wide range of technologies related to sensors taking measurements, where the object being measured, the sensors taking the measurements, and the systems processing the data may be located in different locations. This covers a broad range of potential applications such as measurements by satellite, underwater monitoring, energy, medical, traffic management, manufacturing, and agriculture.

Any organization can request to make a presentation at the event, if presentation slots are available.

Register at tcc-houston.org or by sending an e-mail to events@tcc-houston.org. All event participants are required to register prior to the event. Details on the event agenda and location will be provided to registered attendees, within a week of the event.

Event tickets are $25 for TCC members, and $50 for non-members. Registration and payment is online through the TCC’s website. Member discounted tickets are available up until noon, October 7; members will be charged $50 per ticket after that.

AGENDA
8:00 – Networking Breakfast
8:30 – Welcome & Announcements
8:45 – Presentation Panel Session 1
10:15 – Networking Break
10:30 – Presentation Panel Session 2
12:00 – Lunch
12:30 – TCC Overview
12:45 – Presentation Panel Session 3

SCHEDULED PRESENTATIONS
Advanced Energy Consortium:
Autonomous integrated microsensors technology

Aerospace Corporation (TCC Member):
Hyperspatial imaging (HIS) capabilities

Cleaview Subsea:
Ultra-deepwater produced water monitoring

Halliburton:
Using light to see Texas tea: overview of downhole optical fiber sensing

HO-Hub

JOT-eq:
Sensor to cloud solutions in the industrial sector

NASA Johnson Space Center (TCC Member):
2D, 3D, and 6D motion photogrammetry for the Orion program
Lunar reconnaissance orbiter: redefining the moon for the 21st century
Measuring on-orbit clearance between ISS hardware using imagery
NASA planetary cartography
NEEMO-21: Incorporating GIS into NASA analog missions
Remote sensing from the International Space Station (ISS)

Rebellion Photonics:
Unique spectral imaging video for gas detection

Rice University (TCC Member):
4D compressive imaging for hyperspatial video abstract

Strategic Sensing Alliance (TCC Member)

Texas A&M-Corpus Christi (TCC Member):
Advanced analytical technique for processing UAV and underwater data
Development of UAS based high throughput phenotyping system
UAS photo-bathymetry in shallow coastal water: challenges & potential

Vigilant Aerospace Systems:
Detect-and-avoid for integration of unmanned systems into national airspace
About the Technology Collaboration Center of Houston

The TCC helps organizations solve difficult technology problems by encouraging innovation and formation of technology development partnerships, utilizing diverse expertise from industry, academic and government organizations, across technology sectors.

The TCC has two programs to support this mission:

- **TCC Event series:** A series of events assembling organizations from diverse fields to explore opportunities for solving difficult problems through new joint development partnerships, with a focus on strategic technology areas. Events planned for 2016 and early 2017 include a broad range to topic areas – wearable technologies (April 26), radiation technologies (September 21), remote sensing technologies (October 12), imaging devices & software (January 25, 2017), telemedicine technologies (2017), and precision medicine & genomics (2017 spring). Anyone can attend the events or make a request to make a relevant presentation.

  For each TCC event, will highlight Collaboration Requests related to the topic area, any organization can submit a Collaboration Request. The TCC will also highlight licensable technologies available from TCC members for the event’s topic area.

- **Collaboration Concierge Service:** The TCC provides assistance to organizations with unmet technology challenges, helping to find new innovations and establish joint technology partnerships, solving these difficult challenges and bringing the solutions to market. Any organization can submit a Collaboration Request or Response to the TCC. Each request and response is submitted to a Review Panel, providing feedback. Responses are then sent to a Solutions Panel which will provide recommendations on potential solutions or partnerships.

The TCC offers several types of membership with an annual cash or in-kind contribution (starting with Individual Memberships for $100 per year), providing preferred access to the TCC’s programs and an opportunity to help determine the future direction for the TCC. Depending upon membership level, event tickets & program fees are waived or discounted, and members have an opportunity to have representatives serve of the TCC’s Board of Directors, Advisory Council or on the Collaboration Concierge Service’s Review & Solutions Panels.

The Advisory Council will meet several times each year, providing input on enhancing the TCC’s programs or adding new programs or services to support the TCC’s community.

Please visit the TCC’s website or contact us via e-mail or phone for more information.