



Connected Devices & Remote Sensing Workshop April 16, 2019

hosted by Ecolab, Sugar Land

***Are you developing connected devices or remote sensing technologies or solutions?
Are you looking for solutions or collaboration partners?***

The Technology Collaboration Center will hold a workshop on Connected Devices & Remote Sensing technologies on April 16, 2019, hosted by Ecolab in Sugar Land, with presentations on the latest technology developments or unmet challenges, covering the following topic areas:

- *Sensors:* Electronic sensors for enabling the performance, efficiency and/or remote monitoring of connected devices & remote sensors
- *Long Range, Low Power, Wireless Connectivity:* infrastructure to connect multiple devices across local and medium to long distances
- *Low Power Sources & Geo Tagging:* Low cost power sources for connected devices & remote sensors, and the latest advances in low-cost geo-tagging devices, essential in many industries for remote sensor operations
- *Software, Data & Security:* The software, data handling, and security required to implement and integrate connected devices & remote sensors

If your organization is interested in connected devices or remote sensors, please visit the TCC's website to [register for the workshop](#) or [request an opportunity to make a presentation](#).

Tickets for the workshop are \$100. TCC Members get a 50% discount. TCC Individual Memberships can be purchased for \$150, which includes a ticket to the workshop and discounts on TCC workshops for the next year.

PRELIMINARY AGENDA

- 8:00 Networking Breakfast
- 8:30 Welcome & Announcements
- 8:45 Presentation Panel Session
- 10:15 Networking Break
- 10:30 Presentation Panel Session
- 12:00 Lunch
- 12:30 TCC Overview & Collaboration Requests
- 12:45 Presentation Panel Session
- 2:15 Networking Break
- 2:30 Presentation Panel Session
- 4:00 Adjourn

SCHEDULED PRESENTATIONS

Ecolab (TCC Member):

- 3DTRASAR for Energy*
- Geocoding and Geographic Optimization of Sales Territories using Geographic Information Systems (GIS)*
- What Does a Risk-Based Approach to Industrial Cybersecurity Look Like?*

Emerson:

- So Your Process Control System Has Been Cyber-Attacked! What Now?*

Endress+Hauser:

- IoT Concept & Solutions*

FBI:

- Cybersecurity Trends*

GDS Corp: (1 presentation)

MultiTech:

- Advances in LPWAN Connectivity*

OSIsoft:

- A Contextualized Environment for Industrial and IoT Data*

Rheidiant:

- Long-Range Low-Power Connectivity – a Key Technological Enabler for Energy and Power Industries*

Rockwell Automation:

- ICS Cybersecurity | Trust but Verify*
- Sensors Transform the Future*

Saape Designs:

- Bridging Data to Hardware by Customizing End to End IoT Solutions*

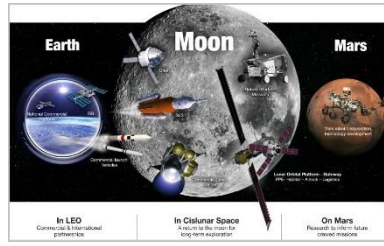
Sensorfield:

- Recent Advances in Low Cost, Plug and Play Wireless Sensors*

Texas A&M (TCC Member):

- A Decentralized Medium Access Protocol for Real-Time IoT Applications*

About the Technology Collaboration Center



The Technology Collaboration Center, an independent 501c3 non-profit, is a partnership between the NASA Johnson Space Center, industry and universities, with the mission of solving difficult technology problems through innovative solutions connecting collaboration partners across technology sectors.

Workshops: A series of workshops assembling organizations from diverse fields to explore opportunities for solving difficult problems through new joint development partnerships, with a focus on strategic technology areas. Any organization can attend TCC workshops or request to make a presentation related to the workshop's topic area. The TCC also partners with other organizations on events related to potential collaborations for solving technology challenges.

- March 6: Data Analytics & Image Processing, hosted by Rice University
- March 27 & 28: Automation, AI & Robotics, hosted by NASA Johnson Space Center, with support from UK Science & Innovation Network & Scottish Enterprise
- April 16, 2019: Connected Devices & Remote Sensing, hosted by Ecolab
- April 29 & 30: Wearable Technologies, hosted by NASA Johnson Space Center
- TBD, 2019: Exploration EVA, hosted by NASA Johnson Space Center

Due to the partial government shutdown, this workshop will be rescheduled

Collaboration Concierge Service: Assistance is provided to organizations with unmet technology challenges, helping them find new innovations and establish collaboration partnerships, solving these difficult challenges and bringing the solutions to market. Working with TCC members and organizations in the outside community, the TCC finds collaboration partners and assists with the formation of the new partnership. Any organization can submit a Collaboration Request or Response. Collaboration Concierge Service fees are waived for Collaboration Requests submitted in conjunction with a TCC workshop.

Membership: The TCC offers several membership levels providing preferred access to the TCC's programs, starting with Individual Memberships for \$100 per year. While membership is not required to attend TCC workshops or use the Collaboration Concierge Service, members get early access to the TCC's programs plus discounted or waived program fees. Memberships require an annual cash and/or in-kind contribution to the TCC, a 501c3 public charity. Depending upon membership level, TCC members receive TCC Insiders News announcements and may have representatives participate on the TCC's Board of Directors and Advisory Council.