

Canaveral Council of Technical Societies

CCTS Events Calendar

May 2018

Society Meetings and Events

INCOSE Meeting Features Guest Speaker Adan Vela on 'Big Data and Big Simulation'

The **International Council on Systems Engineering (INCOSE)**, Space Coast Chapter March meeting is **Thursday, May 3, 2018, starting at 5:30 p.m.**, in Florida Tech's Evans Library, Room 204. Adan Vela from UCF will be speaking about Big Data and Big Simulation: Modeling Stochastic Dynamics for the Next Generation of Air Traffic Systems. Please RSVP to osaisaim@bellsouth.net so they can estimate the complementary food and beverage supply.

ASHRAE/ASME Joint Technical Seminar: Software Integrating BIM and Building Codes

The **American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)**, Space Coast Chapter is hosting a joint Technical Seminar with the **American Society of Mechanical Engineers (ASME)**, Canaveral Section and USGBC Central Florida Region on **Tuesday, May 8, 11:30 am** at Baci (760 Barnes Blvd, Rockledge, FL 32955). The Chapter will host Francisco J. Gómez Alba, who will present on the topic, "HVAC&R Software Applications Integrating BIM and Building Codes." Sponsored by CYPE, the seminar is worth 1 FBPE PDH. The cost for the seminar is \$20, which includes lunch and the presentation. Registration and payment can be done online at www.SpaceCoastASHRAE.org. For more seminar information, please visit the seminar website.

NSCFL May Luncheon "Robots in Space"

The **National Space Club Florida Committee** May Luncheon features guest speaker Bo Naazk, RESTORE-L Mission Systems Engineer speaking on "Robots in Space: Servicing, Exploration, and the Search for Life." The event is **Tuesday, May 8, 11:30am-1:00pm** at the Radisson Resort at the Port Convention Center. Registration is required at www.nscfl.org.

CCTS Executive Board Meeting

Our next **Canaveral Council of Technical Societies (CCTS)** Executive Board will be on **Wednesday, May 9, 6:00 p.m.** at the CCTS Board Room, located at our Cape Royal Office Building location (**1980 N. Atlantic Ave., Suite 401, Cocoa Beach, FL 32931**). All CCTS member societies are encouraged to provide representation. Teleconferencing is available.

North Florida AACE Presents: I-4 Ultimate Scheduling Challenges and Project Update

The North Florida Section of the **Association for the Advancement of Cost Engineering International (AACE)** May meeting will feature I-4 Ultimate Scheduling Challenges and Project Update, with speakers Vince Gucwa, Rey Diaz and James Ward. The meeting will be held **Thursday, May 10th, 2018, 6:30 p.m.** at PMA Consultants, 4901 Vineland Road, Suite 330, Orlando, FL 32811. Meeting is free. Optional dinners \$10.00 per person with advance reservations by 5/9/18. For more details and registration information, see Meetings page at www.nflaace.org or send e-mail to harrison.david43@gmail.com.

Florida Solar Energy Center presents EnergyWhiz!

Florida Solar Energy Center (FSEC), a research institute of the University of Central Florida, presents EnergyWhiz on **Saturday, May 12, 2018**. EnergyWhiz is all about clean energy and creative kids.

Students demonstrate their science, technology, engineering, arts and mathematics (STEAM) capabilities through energy-focused, project-based learning. EnergyWhiz consists of six different competitions, which include: Junior Solar Sprint, Solar Energy Cook-off, Energy Innovations, Energy Transfer Machine, Critter Comfort Cottage, and Electrathon. Learn more about the events at www.fsec.ucf.edu/go/energywhiz. The public is invited to attend the free event, located at 1679 Clearlake Road, Cocoa, FL 32922, starting at 9:15 am.

NASA Alumni League Meeting for May: Endeavour's Final Mission

The **NASA Alumni League (NAL)**, Florida Chapter, will hold its May, 2018 meeting, at **11:00 am on Tuesday, May 15th** at the Debus Center, KSC Visitor Complex, Kennedy Space Center, FL. Following a 45 minute social, we will have a buffet lunch prepared by the Delaware North chefs, after which we will be treated to a presentation by Dennis R. Jenkins, who will speak on "Endeavour's Final Mission," the efforts to prepare the Space Shuttle Endeavour exhibit at the California Science Center in Los Angeles. For reservations for the May meeting, please respond to this reminder to Bev Merrilees: bmerrilees@cfl.rr.com or phone 321-452-5426 by noon on May 13th. Priority for reservations will be for members and their guests, with each member limited to no more than four in their party. Information on our speakers and program activities is posted on the League web site at www.nalfl.com, along with online registration and pre-payment by PayPal. Confirmed reservations may also be paid for at the door.

SAME April General Meeting

The **Society of American Military Engineers (SAME)** Space Coast Post March General Meeting will be held **May 17th** networking at **11:30AM** with the program beginning at 12:00, at the Courtyard by Marriott, Cocoa Beach. Registration and more information is available at <http://samespacecoast.org/>.

SCSEA Spotlight Events

Coming events and updates from the Space Coast Education Alliance (SCSEA)

Exemplary Science Teacher Award Recognition Ceremony Coming to FSEC in August

The Exemplary Science Teacher Awards program was started in 1999 by the SCSEA and the Brevard Science Advisory Council to recognize outstanding science teachers in Brevard County. Annually, SCSEA holds a recognition ceremony to honor science teachers from Brevard County who demonstrate best practices in the area of science instruction. It is our way of saying thank you for a job well done. As a community, we send a strong message when we identify and reward those great teachers that educate our children. This year's event will be held on **August 7, 2018** at the Florida Solar Energy Center, 1679 Clearlake Rd, Cocoa, FL.

Research Rules! Event Helps with Science Fair Preparation

Research Rules! invites students, parents, and teachers to learn what it takes to do a successful and award winning Science Fair Project. Students can meet with scientists in their subject areas, as well as experts in creating a great experiment and backboard to help put together an awesome project. This day of fun and information is open to Brevard County students in grades 5-8 and it's free! This year Research Rules! will be held on **September 22, 2018** at the BPS Educational Services Facility, 2700 Judge Fran Jamieson Way, Viera, FL.

SCSEA Science Bowl Recap

The SCSEA Science Bowl for Middle School Students is a fast-paced question and answer format competition, similar to Jeopardy, during which students answer questions about earth science, physical science, life science, math, energy, and general science. Winners of the competition go to Washington DC to compete in the National Middle School Science Bowl. This year the event was held on March 10, 2018 at the Florida Solar Energy Center, 1679 Clearlake Rd, Cocoa, FL.

Professional Development Opportunities

Workshop for Global Sustainability in October 2018

Members of CCTS Member Societies are encouraged to register for the inaugural **Workshop for Global Sustainability**, held from **October 23 to 26, 2018**, in the Research Triangle Region of North Carolina. Participation is anticipated from International and US Government Agencies, Commercial Companies and Academia (students and faculty). Visionaries and leaders have opportunities to present and collaborate on sustainability-focused efforts.

For companies looking for increased exposure, the Partnership for Global Sustainability (PGS) is in need of sponsorships to make this happen. Become a sponsor today by e-mailing Michelle Lamb at lamb@itb-inc.com or by calling (321) 394-1866. For more information about the workshop, visit www.pgsworkshop.com. Feel free to contact Michelle Lamb, Workshop Coordinator, at lamb@itb-inc.com if you have any questions.

Three Day Session for CYB-1 Aviation Cybersecurity Management, October 9-11 at the ERAU Daytona Beach Campus.

2.4 Continuing Education Units. \$1500, \$100 discount if registered prior to 8/29/18. Targeted to managerial rather than technical people. Anyone in the management role in the aviation or aerospace industry, including airlines, airports, cargo lines, commercial space operators, aviation equipment or airframe manufacturers or vendors, communication providers, etc.

Course/Learning Objectives:

Develop an awareness of threats and vulnerabilities to airports, aircraft and supporting systems. Develop an understanding of the appropriate questions to ask in regards to the information security aspects of aviation and airport-based systems. Develop a context of recent cyber incidents, threats, vulnerabilities, and exploits. Prepare a methodology to analyze your own organization's cybersecurity vulnerabilities and preparing mitigation steps.

For details on instructor backgrounds and registration, see <http://proed.erau.edu/courses/aviation-cybersecurity-management/>

The Space Coast Campus located at 4450 W Eau Gallie, Melbourne, FL. ERAU offers undergraduate and graduate aviation and aerospace programs at this location, or via the internet using Eagle Vision meeting one day per week in the 9 week Term session. The ERAU Online format requires assignments submitted weekly, convenient for busy working adults. There are 5 terms per year. One graduate or two undergraduate courses in the 9 weeks is considered full time for military, company, or other benefits. Please call 321-783-5020 or email spacecoast@erau.edu for more information.

CCTS Member Societies and Executive Committee Meetings

Members

AACE - North Florida Association for the Advancement of Cost Engineering International *The Board of Officers and Directors meets every other month September through May, on second Thursdays immediately following the Section meeting. For more information, see www.nflaace.org or contact administrator@nflaace.org.*

AIAA - American Institute of Aeronautics and Astronautics, Cape Canaveral Section

AIChE - American Institute of Chemical Engineers, East Central Florida Section

ASHRAE - American Society of Heating, Refrigerating and Air-Conditioning Engineers, Space Coast Chapter *ASHRAE Space Coast Chapter has Board of Governor meetings via teleconference when announced. To participate, e-mail Chapter@SpaceCoastASHRAE.org.*

ASME - American Society of Mechanical Engineers, Canaveral Section

ASSE - American Society of Safety Engineers, Space Coast Chapter

IEEE - Institute of Electrical and Electronic Engineers, Canaveral Section

IEEE - Institute of Electrical and Electronic Engineers, Melbourne Section

INCOSE - International Council on Systems Engineering, Space Coast Chapter

NAL - NASA Alumni League, Space Coast Chapter *NASA Alumni League Executive Board Meetings are held just prior to the beginning of the monthly Luncheon.*

NMA-FSCC - National Management Association – Florida Space Coast Council

NSCFL - National Space Club – Florida Committee

SAME - Society of American Military Engineers, Space Coast Post

Associate Members

SpaceTEC – NSF National Center for Aerospace Technical Education

This calendar is prepared by the Canaveral Council of Technical Societies and distributed to Chairs/Presidents and CCTS Representatives of Member Societies. Societies may feel free to redistribute this calendar to their memberships. To submit an item for inclusion in an upcoming CCTS events calendar, please email dfleming@fit.edu.