AIAA Tucson Section Announcements

AIAA Tucson Section
Public Policy Chair Announcement:

Over the past couple of months and in conjunction with the local and national elections, AIAA has released two Policy Platform Papers to help inform and guide discussion and action in relevant areas. One on Space Policy and another on Aeronautical R&D Policy.

The Space Policy Platform Paper highlights the need to have continued and collective government support of the United States' activities in space across all three sectors of civil, commercial, and defense. A number of themes are established which will enable the leadership, support, and advancement of these sectors and the role of the US in space. These key themes are: Continued, balanced investment in human space exploration, scientific research, and space technology development; Constancy of purpose in human space; Civil space situational awareness and space traffic management; Enabling innovations for national strategic benefit, and reduction of barriers to entry for entrepreneurial ventures and early innovators; Strengthen our coalitions and partnerships with our allies in civil and defense space.

The Aeronautics R&D Policy Platform Paper similarly discusses the three sectors (Civil, Commercial, Defense) that exist within the US aeronautical ecosystem and how they are continuing to evolve in the early twenty-first century. Each of these is highly interconnected through the advancements that are made, the technologies at stake, and the policies being established that shape their future. In particular, AIAA outlines here five advancements and technologies that are of key interest in continuing to maintain and grow the US leadership in aeronautical R&D. These are: Focus on reducing carbon emissions, supersonic flight, hypersonics, UAS, advanced air mobility.

Additionally, leading up to the AIAA launched ASCEND conference on November 16-18, there have been several miniature conferences held online as part of the
ASCENDxSeries. One such conference titled Space Policy and Education was held in late October featuring speakers from across the industry. The list of speakers included experts from universities both domestic and abroad as well as private and public organizations. The talks are focused into tracks for Space Traffic Management, Earth Observation for Global Good, 21st Century Workforce, Enabling the Future, and Professional Development. The recorded sessions and conference information can be viewed online through the ASCEND page with a free registration that will take you directly to a YouTube playlist (click on the 'View Recordings' button)

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Field Trip

Come and join us at Pima Air & Space Museum on Saturday, November 14th. Show your AIAA Pride! The Museum offers a great experience for no contact and physical distancing. We ask you to read the Museum's Safety Precautions. When you arrive to the museum, they open the doors for you. Public bathrooms are available. The museum is also Pet friendly. Unfortunately, the restaurant is closed. This is a self pace museum to enjoy and a great place to bring your family.

**Date:** Saturday, November 14  
**Time:** 9AM  
**Location:** Pima Air & Space Museum  
**Museum's Link:** Planning your visit

Once it is safe to come together, Tucson Section looks forward hosting full events for our members with food, seating, public speakers, etc. We are still figuring things out for you and value your health and safety.

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AIAA Tucson Section Bylaws Q&A

**Date:** Sunday, November 15  
**Time:** 2PM Arizona Time  
**Location:**  
Join Zoom Meeting  
https://aiaa.zoom.us/j/94829526043?pwd=eEZudWxjZDBmZEhDTiZ3ckhWNDZidz09

**Meeting ID:** 948 2952 6043  
**Passcode:** 520520

Dial by your location  
+1 669 900 9128 US (San Jose)
NASA JPL Online Education Events

SATURDAY, NOV. 14, 2020
10-11:30 A.M. PST (1-2:30 P.M. EST)
Workshop: Teaching Oceanography and Earth Science
Audience: U.S. teachers for grades K-12
Location: Online - Webex link will be provided to registered participants
Overview: In this virtual workshop, we will connect with the Exploration Vessel Nautilus, currently at sea, to discuss activities for the science classroom, focusing on oceanography, climate science, and geology. Participation is limited and available on a first-come, first-served basis. Registration is required.
' Register to attend
' Explore education resources

Explore More
Check out more virtual education events and resources from NASA and JPL. For a full listing of upcoming events, visit the Events page on the NASA-JPL Edu website.

If you have any questions, please email me at tucsonaiaa@gmail.com.

Regards,

Michelle Rouch
AIAA Tucson Section Chair
tucsonaiaa@gmail.com