

**Saturday, October 13, 2018**

Main Floor		Theater Room (2nd Floor)	Community Room
10am	<b>Presentation:</b> Welcome to OuteRimCon Arlene Busby		
10:30am	<b>Presentation:</b> X-15 Rocket Plane - Why was it so important to the advancement of the Space Program with Michelle Evans	<b>Panel:</b> The plague of humanity – Should we wait for humanity to create peace on earth before humans spread out into the universe? Rod Pyle, Stan Barauskas	
11:30am	<b>Presentation:</b> How to Build a Robot - Greg Schultz	<b>Panel:</b> Is STEM doing enough? – Is there any follow through after the STEM event is over and the children go back to their daily routine? Shall there be more programs that keep children on the path of Science, Technology, Engineering & Math? Keith Kato, Arlene Busby, Gerald Blackburn, Matthew Monahan	<b>Presentation:</b> Mach 3 Legend The SR-71: Design and Development of the Lockheed Blackbird - The Lockheed Blackbirds hold a unique place in the development of aeronautics. This presentation explores the design evolution, construction, material characteristics, and performance capabilities of these legendary airplanes. Peter Merlin
12:30pm	<b>Presentation:</b> The Unbuilt Frontier - History of conceptual and unrealized space programs Matthew Monahan	<b>Panel:</b> Writing Inspiration - Understanding the bizarre mind of the science fiction writer. What inspires and motivates the creative juices? John DeChancie, Will Morton (M), David Gerrold	<b>Presentation:</b> Star Sailors - There are 560 men and women who are astronauts, all of who deserve our admiration for what they do. Today we honor and remember 18 of that special group who made the ultimate sacrifice. Gerald Blackburn
1:30pm	<b>Panel:</b> Space the Final Frontier – Is the fantasy of space travel such as the world of Star Trek a real possibility in our future due to the constant improvements in space engineering? Aldo Spadoni, Rick Sternbach, Michelle Evans, Rod Pyle, Robert Gounley,		<b>Panel:</b> Creating a believable universe - when creating a story must you follow the laws of physics or can you create your own universe with your own rules? John DeChancie, Stan Barauskas, David Gerrold, Will Morton (M)
2:30pm	<b>Presentation:</b> Tribute to Dr. Jerry Pournelle Larry Niven, Michelle Pincus (M), John DeChancie, Keith Kato	<b>Presentation:</b> What is JPL up to? A look at the JPL Missions by Robert Gounley	<b>Presentation:</b> The Korad K1500 Multi-Stage Ruby Laser System - A look at why this system was so important to the Apollo 11 Launch. Hildreth (Hal) Walker, Jr
3:30pm	<b>Presentation:</b> Astronomical Art: Sharing Our Visions of the Universe - For as long as we have been looking up into the heavens, we humans have created works of art to record what we have seen. This presentation is but a small look at the steps we as astronomical artists take to gather information about the cosmos, to build images and physical models, and to share those visions to inform and inspire. with Rick Sternback	<b>Presentation:</b> Robert A Heinlein - His life and his legacy with Keith Kato	<b>Panel:</b> Imagination to Reality – From the imagination of future thinkers such as Leonardo da Vinci and HG Wells to the practicality of creating and using these imaginative ideas and creating technical marvels that improve our lives and open our minds to the what if. Rod Pyle, Gerald Blackburn, Will Morton (M)

4:30pm Starting Shut-down for the evening

All of our panels are STEM friendly. It is up to the parent/guardian to decide if these items are age appropriate.

Autograph Upstairs (2nd Fl.): Rod Pyle 2:30p Michelle Evans 2:30p
---

Sunday, October 14, 2018				
		Main Floor	Theater Room (2nd Floor)	Community Room
10:30am		<b>Demonstration:</b> I am robot hear me roar with Greg Schultz	<b>Presentation:</b> Microwave directed energy - what are the benefits of this type of technology? Keith Kato	<b>Panel:</b> Manned vs Unmanned Space Travel - The Pros, Cons and Benefits of both Michelle Evans, Mark Pestana, Seth Potter, Tim Cassidy-Curtis, Gerald Blackburn, Matthew Monahan (M)
11:30am			<b>Presentation:</b> Manned Spacecraft Programs - Covers beginning of manned space flight by Soviet Union cosmonauts, continues with US manned flight milestones and major set-backs/recoveries. with Stan Barauskas	<b>Presentation:</b> "Nobility: The Series" - Seven hundred years in the future, the Confederation Star Alliance builds its flagship, the NOBILITY and seeks its best, brightest, most talented space-faring professionals for her crew. None of them got on so, here are the adventures of the crew they did get with E.J. De la Pena, Tim Cassidy-Curtis
12:30pm		<b>Panel:</b> Solar System Resources - Understanding the use of materials, solar energy, kinetic energy as a resource. David Brin (Skype), Seth Potter	<b>Presentation:</b> Star Trek & NASA: Fifty Years of Inventing the Future Together - Even before NASA and Star Trek existed, filmmakers looked to the aeronautical industry, organizations involved in rocket experiments, and astronomers to aid them in depicting flights to other worlds. Rick Sternbach	<b>Presentation:</b> Development of International Space Station Flight Crew Operations: Technical and Cultural Challenges with Russia with Mark Pestana, Colonel, USAF (ret)
1:30pm		<b>Panel:</b> Planetary Exploration - how much do we know and what more can we learn Robert Gounley, Aldo Spadoni, Tim Cassidy-Curtis		<b>Panel:</b> Why Science Fiction? With all the different genre's of writing styles why does science fiction have such a strong effect on readers? Stan Barauskas, David Gerrold, Seth Potter

2:30pm Starting to Shut-Down All of our panels are STEM friendly. It is up to the parent/guardian to decide if these items are age appropriate.

Autograph Upstairs (2nd Fl.):  
Michelle Evans 11:30a

Presented by Aerospace Legacy Foundation

**OuteRimCon**  
Exploring the Imagination of Science

Moving to a New Location  
Carson Community Center  
801 E. Carson St., Carson, CA 90745

**Saturday, October 12**  
10am—5pm

**Sunday, October 13**  
10am—3pm

For more information visit: [outerimcon.com](http://outerimcon.com)