

NextGen

As of 5-16-17

Friday, May 26

Midway Suite III

- 11:00 am NASA/NSS Student Space Settlement Contest Presentation
- 11:15 am Introducing BocksCAD - Coding for 3D Printing. Dr. David Thornburg (Polar3D)

- 3:00 pm NASA/NSS Student Space Settlement Contest Presentation
- 3:15 pm Telescopes in the Library: Starting a Telescope "Check out" Program in Your Library Don Ficken (St. Louis Astronomical Society)

- 4:00 pm NASA/NSS Student Space Settlement Contest Presentation
- 4:15 pm Creativity Arises from Structure. Trish McCarty (StarShine Academy)

Saturday, May 27

Midway Suite III

- 2:00 pm Enterprise in Space: Overview Presentation. Todd Kapp (Enterprise In Space)
- 2:25 pm Using the Enterprise in Space (EIS) Academy. Bonnie Thurber (Enterprise In Space)
- 3:00 pm NASA/NSS Student Space Settlement Contest Presentation
- 3:15 pm Quick prototyping: Micronization Comes to Commercial Space Flight. Brian Stofiel (Stofiel Aerospace)

- 4:00 pm Micro:bit Experiments for Designing Space Missions. Dr. David Thornburg (Polar3D)

- 5:15 pm The First Kid in Space Mike Mongo (The Astronaut Instruction Manual)

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Sunday, May 28

Midway Suite III

- 10:00 am NASA/NSS Student Space Settlement Contest Presentation
- 10:15 am Maker Families: Building Together on Space, Science, and Technology. Vikas Nath, et al., winning family of NASA Space Apps and Maker Fest awards
- 11:00 am **Pegram**
Panel: Space STEAM Outreach. Loretta Whitesides (Virgin Galactic and Yuri's Night), Christine Nobbe (ISDC 2017 Conference Chair, National Space Society Board of Directors, St. Louis Space Frontier), Dr. David Thornburg (Polar3D), Jason Branham (NextGen and ISDC 2017 Education Chair), Janet Ivey (PBS' *Janet's Planet* and National Space Society Board of Governors), Trish McCarty (StarShine Academy), and Trish McCarty (StarShine Academy). Moderator: Mike Mongo (*The Astronaut Instruction Manual*)
- 4:00 pm **Midway Suite III**
How You Can Launch A High Altitude Balloon and Why It Belongs in Your Classroom. Dustin Mayfield-Jones (Arch Reactor)
- 4:30 pm NextGen Alpha Sending and Educator Networking Event.

Monday, May 29

Grand Ballroom EF

- 10:00 am Academic Processes: Crafting a Contemporary Contribution. Jason Branham (NextGen and ISDC 2017 Education Chair)
- 10:15 am NextGen Faculty Awards
- 10:30 am Student Sendoff. NextGen Team