



Media Kit



Shine On! NASA Downlink Scheduled For May 6

- Shine On! was selected by NASA to hold an in-flight education downlink with the International Space Station during Expedition 65.
- The conference is scheduled for **May 6**. This date is subject to change based on the space station's flight operations.
- The downlink is slated to feature NASA astronaut Megan McArthur and European Space Agency (ESA) astronaut Thomas Pesquet.
- "Look to the Stars: #CharacterCountdown" is the full-day conference for PK-8 students being planned jointly with the Shine On! committee and Beekmantown Middle School science teacher and New York state designated master teacher Diana Danville.
- The event is designed to build student interest in STEM fields while demonstrating the value of character to achieve success in life.
- Almost 30 different live virtual workshops in four different tracks in PK-8th grade.
- This program includes a classroom resource kit for teachers with dozens of STEM and character-based instructional activities for use in the three weeks prior to downlink day.
- The deadline to register is **April 30** at www.shineongirl.org.
- Registration is free and open to any teacher or homeschool parent.

Quotes

- "Beekmantown Central School District is excited to partner with Shine On!, SUNY Plattsburgh and other educational agencies for a live connect with astronauts living on the International Space Station. Providing all students amazing 21st century learning opportunities and a STEM-rich environment are BCSD goals. This unique opportunity will ensure that traditionally underserved students in the North Country receive an amazing learning experience rarely seen in our area." - **Dan Mannix, Beekmantown superintendent**





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Intelligence

Zest

Self
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Curiosity

Grit

Gratitude

Optimism

Quotes

- "I'm excited to lead such an empowered group of women to bring this once-in-a-lifetime opportunity to students in New York state. The response from schools has been amazing, and we are thrilled to give all participating schools this unique learning experience." - **Chrysa Rabideau, Shine On! Chairwoman and senior at SUNY Plattsburgh**
- "With COVID-19 restrictions over the last year, this connection with NASA is a rare opportunity for students to be re-invigorated about learning and will provide teachers with a fantastic curriculum at no cost to school districts." - **Diana Danville, Beekmantown Middle School science teacher and New York state designated Master Teacher**
- "SUNY Plattsburgh's Shine On! is a great example of a program that's been empowering and educating young girls in Northern New York for over a decade. Its upcoming virtual conference will help even more students realize the importance of character in STEM-related fields and inspire them to take advantage of the many opportunities with companies here in our region. I want to thank NASA for selecting Shine On! and SUNY Plattsburgh for helping even the youngest students grow and making the North Country a premier location to live and work." - **North Country Assemblyman Billy Jones**

Sample Workshops

To Infinity and Beyond

Presenter: Elizabeth Pearl, Pearl Physical Therapy

An introduction to the next generation BEMER technology used in the new NASA spacesuits.

Want to be a HAM?

Presenter: Diana Danville, Beekmantown Middle School

How is it possible to talk to others around the world and in space using radio waves? Students will discover what HAM radios are and how they provide long-distance two-way communication using Earth's ionosphere for recreation, correspondence with people in other countries and vital communication during emergencies and natural disasters.





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Launch Weather: The Importance of Weather for a Successful Launch

Presenter: Gib Brown, retired WPTZ meteorologist and physics/Earth science teacher

Weather conditions can make or break a space launch. Students will discuss NASA's strict weather condition regulations, exploring how different conditions can affect a launch, and applying these concepts in different weather scenarios.

Neuroscience of Space Exploration

Presenter: Dr. Jennifer Bremser, Associate Professor of Psychology at SUNY Plattsburgh at Queensbury Branch Campus

A discussion on the neurocognitive and mental health challenges astronauts overcome while participating in longer space missions.

I Need Space

Presenter(s): SUNY Adirondack Psychology Fieldwork Course Students

Learn about ways to effectively set boundaries and cope with difficult emotions, focusing on the character strengths of social intelligence and self control.

Communicating Science: Explaining Lifesaving Information to the Public

Presenter: Caitlin Napoleoni, WPTZ meteorologist

Exploring how meteorologists effectively communicate to the public in the most critical of situations. This workshop will let students see a side of science that combines behind-the-scenes forecasting with the fast-paced live component of sharing information with the public.





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Helpful Links

- [Shine On! website](#)
- [NASA STEM resources](#)
- [More information on NASA downlinks](#)
- [NASA's Video Tour of the International Space Station](#)
- [International Space Station R&D Promo Video](#)
- [The Sound \(& Visions\) of Silence - Earth Views from the Station](#)
- [Everything About Living in Space](#)
- [Space Station Assembly Information](#)
- [How to Use the Bathroom in Space](#)
- [The KIPP Character Strength model Shine On! is based on](#)
- [Megan McArthur - Official NASA biography](#)
- [TED Talk by Megan McArthur](#)
- [What was Astronaut Megan McArthur like in Middle School?](#)
- [Thomas Pesquet - Official ESA biography](#)
- [Know Your Crew...Two!](#)

About Us

SUNY Plattsburgh's Shine On! is dedicated to fostering resilience, confidence and character in young girls by enhancing essential character strengths, developing a toolbox of communication skills and teaching a better understanding of media in society today. Shine On! has hosted approximately 2,200 young girls since the program began and has taught education outreach programs in almost a dozen schools. The organization has a strong alumnae network of 600 college women who have been mentors, committee members and workshop presenters over the past 11 years.





Graphics

Access photos [here](#)



Look to the Stars
#charactercountdown
official logo



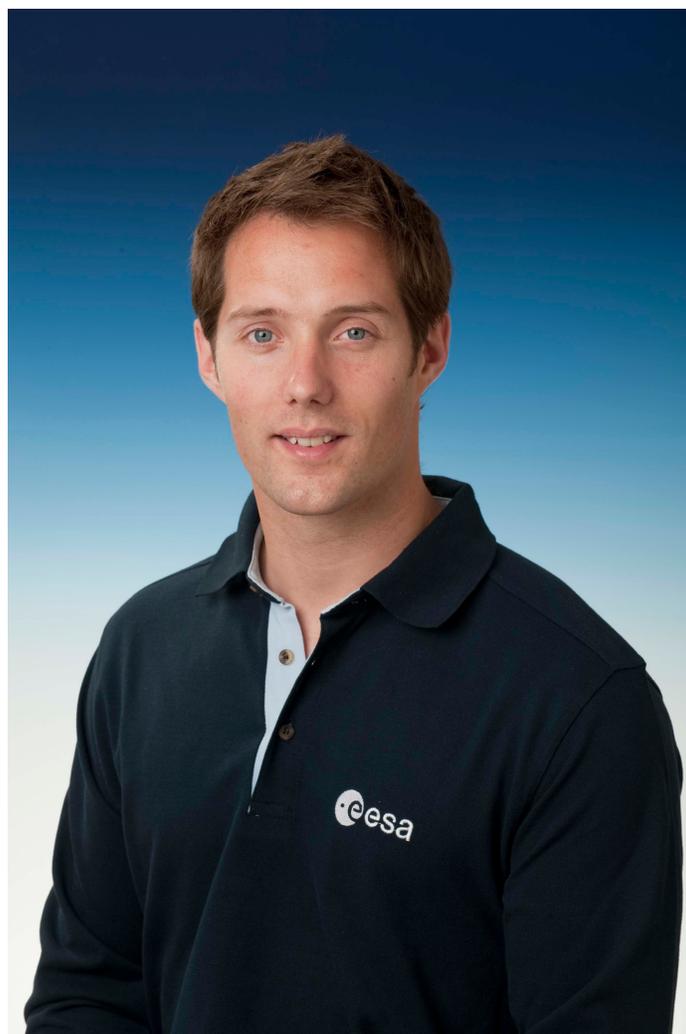
NASA Expedition 65
official logo



Graphics



**Astronaut Megan McArthur
official headshot**



**Astronaut Thomas Pesquet
official headshot**



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Past Conference Photos





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