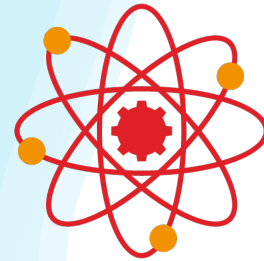


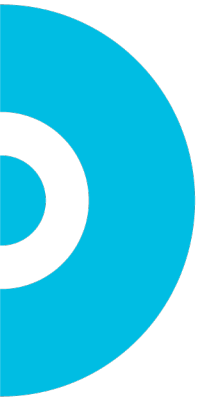
Ask Me Anything Webinar

Wednesday, November 15, 2023

10:30 – 11:30 am



STEM/SHIFT
An Innovation Summit



Welcome!



Beth Kerly
Sr. Director, Marketing &
Communications
NACCE



Meredith Reeves
Technology Transfer/T2X
NASA



Brailey Faris
Innovation Analyst
Innovation Advisors- RTI
International

Hillsborough Community College
presents the 1st Annual

Patentthon

From Space to
Sustainable Spinoffs

**Linking Technology
Needs and Solutions**



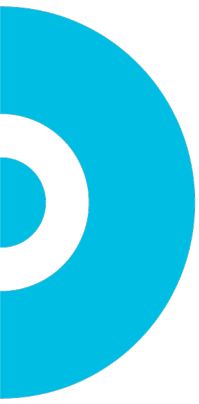
Location
Hillsborough Community College
Dale Mabry Campus
4001 W Tampa Bay Blvd | Tampa, FL 33614
Social Sciences Building, Room 204



Register
through the QR code to the left.

February 17–19, 2022





NASA offers programs to not only help small businesses, but to bring technologies directly to students.

T2X

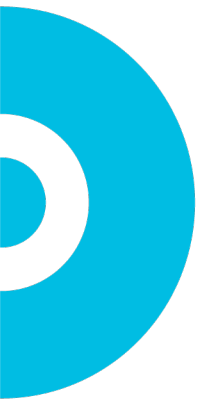
Nasa Technology Transfer Expansion

- Accelerating commercialization and seeding new startups with technology.
- Working to accelerate the commercialization of NASA-developed tech by de-risking innovation and helping to launch and sustain startups.



Nasa Technology Transfer University

- Brings NASA developed technologies directly to the classrooms and entrepreneurially minded students.
- Helps to build relationships with colleges and universities around the country.
- Instructor-led program that involves infusing an existing curriculum with NASA-developed technology, to enrich the academic experience and potentially launch new startups.



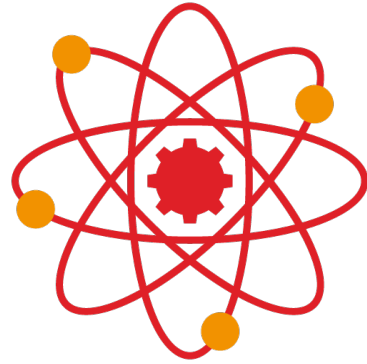
Students can also choose to utilize *Startup NASA* to license technologies.

This startup license option

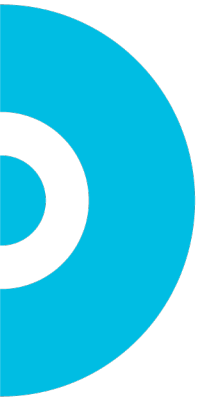
- Is available to help early-stage startups commercialize NASA technology
- Offers a non-exclusive license with no up-front costs for three years. *This means all initial licensing and other fees are waived!*
- Is open to companies formed with interest of commercializing technology

After the three-year start-up license ends, companies have the option to convert to a commercial license- which comes with the option for more exclusivity.

What to
expect from




STEM / *SHIFT*
An Innovation Summit



STEM/Shift will be held at the University of South Florida in Tampa, FL.

The event will be held Friday, February 23rd – Saturday, February 24th.

 **STEM/SHIFT**
An Innovation Summit

February 23 & 24, 2024

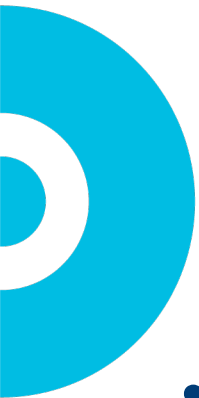
**Hosted by the University of South Florida
In Collaboration with NASA**

Location
USF Research Park
3814 Spectrum Blvd
Tampa, FL



Participants will apply design thinking methods...





... to define
and solve
global
sustainability
challenges.



SUSTAINABLE DEVELOPMENT GOALS

17 GOALS TO TRANSFORM OUR WORLD



technology.nasa.gov/patents



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Environment



Medicine / Biotech



Mechanical / Fluid
Systems



Aerospace



Instrumentation



Manufacturing



Materials / Coatings



Sensors



Optics



IT / Software



Power Generation



Propulsion



Robotics

FEATURED TECHNOLOGIES



Manufacturing

Pyramid Image Quality Indicator

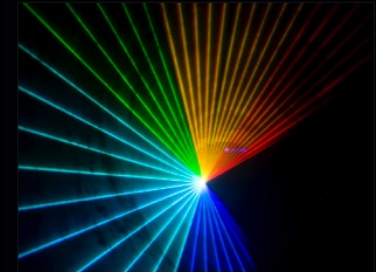
A scalable, inexpensive tool and methodology to ascertain real life computed tomography system performance for a wide range of industrial applications



Solid-State Microwave Power Module

Typically, microwave power modules (MPMs) are useful only for radar and navigation purposes because they lack the linearity and efficiency required for communications. In standard configurations, conventional MPMs require both a solid-state amplifier at the front end and a...

[Read more](#)



Optical Tunable-Based Transmitter For Multiple High-Frequency Bands

NASA Glenn's researchers have developed a means of transporting multiple radio frequency carriers through a common optical beam. In contrast to RF infrastructure systems alone, this type of hybrid RF/optical system can provide a very high data-capacity signal communication...

[Read more](#)

The event will culminate in a pitch competition!





How can I
learn more
or get
involved?



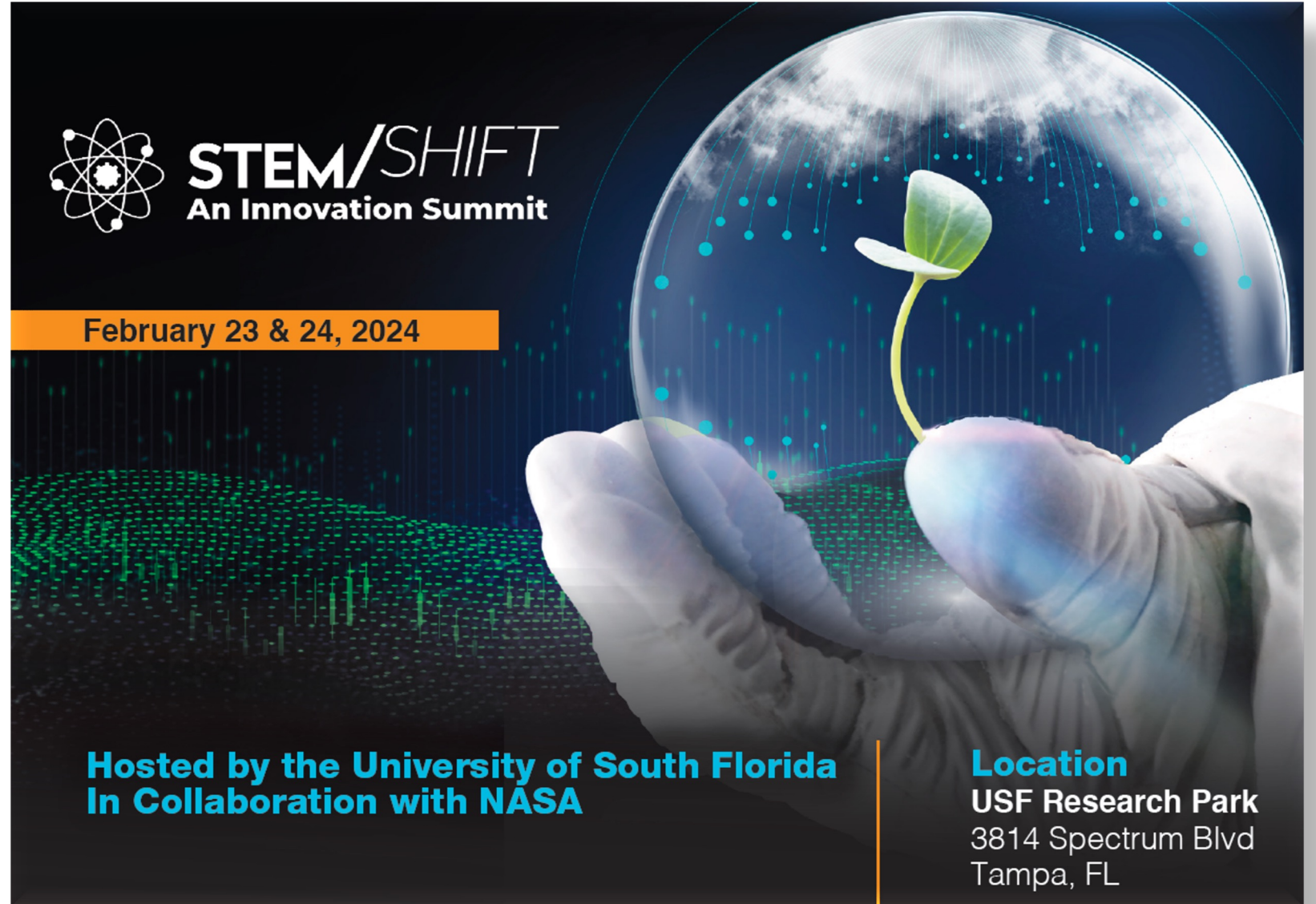
STEM/SHIFT

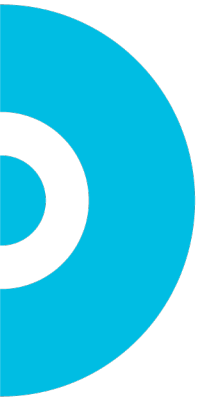
An Innovation Summit

February 23 & 24, 2024

Hosted by the **University of South Florida**
In Collaboration with **NASA**

Location
USF Research Park
3814 Spectrum Blvd
Tampa, FL





Use the QR Code to visit our event website!



STEM/shift 2024

- 📅 Friday, February 23, 2024 at 8:30 AM (EST) to Saturday, February 24, 2024 at 6:00 PM (EST)
- 📍 University of South Florida (USF)
4202 East Fowler Avenue
Tampa, FL 33620
United States

[REGISTER NOW](#) [SPONSOR INFORMATION](#)
[VOLUNTEER](#)

Here you can find event information and registration, as well as other available opportunities to get involved.

We are recruiting both individuals and teams.

Who can make up a team?



Students

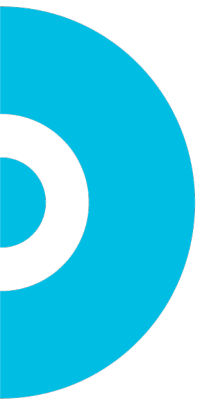


Teaching Faculty



Staff

Event Pricing	
\$75	NACCE Member <i>Individual</i>
\$250	NACCE Member <i>Group of 4</i>
\$100	NACCE Non-Member <i>Individual</i>
\$350	NACCE Non-Member <i>Group of 4</i>



Interested in becoming involved in the event without a team?

Consider registering as a mentor or volunteer!

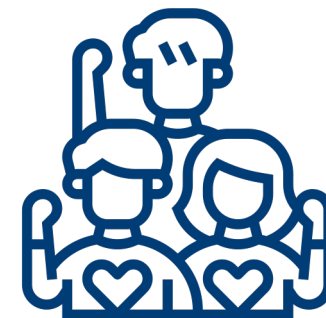
Team Mentors

Mentors will be assigned to a team and will help guide them along the various stages of the event program including a design thinking sprint, business modeling exercise, and pitch development.

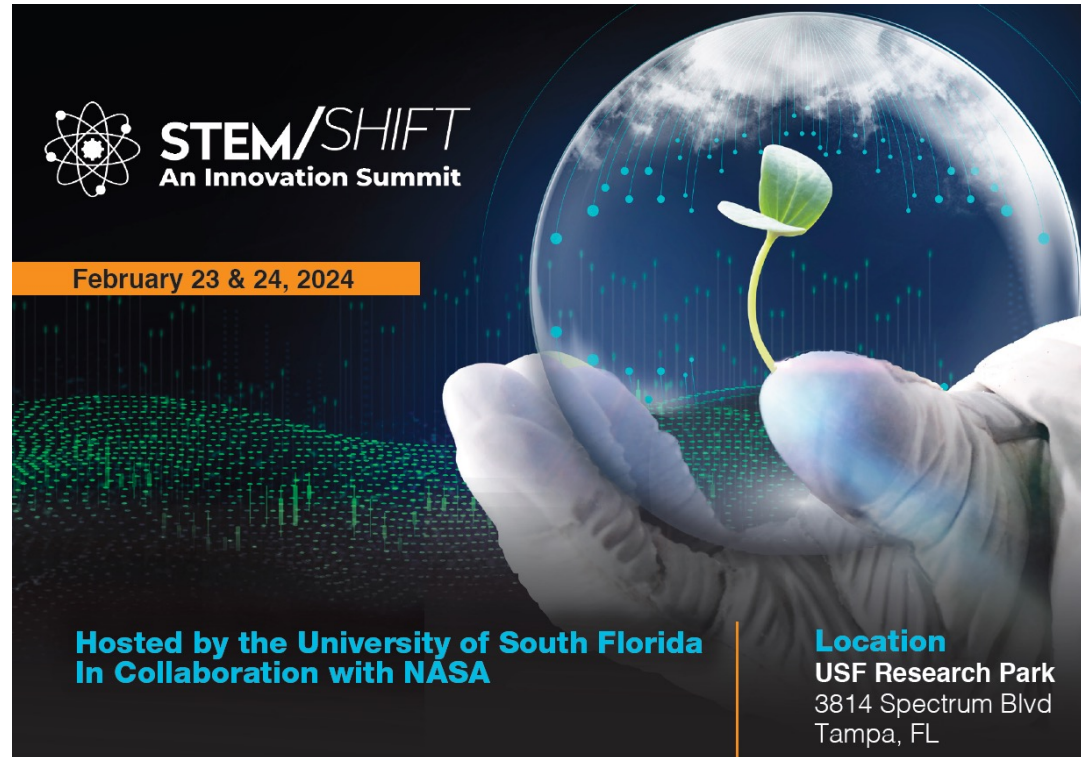


Volunteer Ambassador

Volunteers will help with setting up the venue, managing attendee logistics, helping with food distribution, assisting facilitators, and answering general attendee questions.



We hope to see you in February!



Visit our event site!