Project Fibonacci®
STEAM Conference
Advance Program

Full STEAM Ahead!

July 30-August 5, 2017

The Beeches Conference Center
7900 Turin Road
Rome, NY 13440

Copyright © The Project Fibonacci® Foundation, Inc. 2017.
# TABLE OF CONTENTS*

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>What is Project Fibonacci®?</td>
<td>3</td>
</tr>
<tr>
<td>Welcome Message</td>
<td>4</td>
</tr>
<tr>
<td>2017 Keynote Speakers Series</td>
<td>5-6</td>
</tr>
<tr>
<td>Who was Fibonacci?</td>
<td>8</td>
</tr>
<tr>
<td>Steering Committee</td>
<td>11</td>
</tr>
<tr>
<td>Curriculum Committee</td>
<td>12</td>
</tr>
<tr>
<td>Schedule Breakdown</td>
<td>14</td>
</tr>
<tr>
<td>Opening Day Details</td>
<td>15</td>
</tr>
<tr>
<td>Daily Themes &amp; Events</td>
<td>17-21</td>
</tr>
<tr>
<td>Closing Day Details</td>
<td>22</td>
</tr>
<tr>
<td>Potential Workshops &amp; Tours</td>
<td>24-25</td>
</tr>
<tr>
<td>Special Events</td>
<td>26</td>
</tr>
<tr>
<td>Final Project Details</td>
<td>27</td>
</tr>
<tr>
<td>What to Pack</td>
<td>28</td>
</tr>
<tr>
<td>Special Thank You</td>
<td>29</td>
</tr>
<tr>
<td>FAQ’s</td>
<td>30-31</td>
</tr>
<tr>
<td>Sponsors &amp; Supporters</td>
<td>32</td>
</tr>
</tbody>
</table>

*Daily Schedules are Subject to Change
What is Project Fibonacci®?

Project Fibonacci® is the brain child of ANDRO Computational Solutions, LLC, in cooperation with local schools, businesses, non-profit and federal government organizations as an effort to use STEAM education as a catalyst for workforce and economic development. This remarkable opportunity is focused on providing students with unparalleled access to inspirational keynote speakers, content rich workshops, off-site tours, and personal access to the best and brightest minds in various STEAM fields.

Our Mission

The goal of the Project Fibonacci® initiative is to promote the next wave of young scholars, scientists, artists and productive citizens through a journey of self-discovery by positively motivating and enlightening them. Through this educational program, we will enable our youth to deal more effectively with the challenges of our ever-increasingly complex and diverse world.

Let’s ignite a positive future, TOGETHER!
Welcome nominated scholars, educators and special guests to our upcoming Project Fibonacci® STEAM Conference! It’s that time of year again. Our second annual conference is right around the corner and promises to be another highly successful event.

For the benefit of our new students and returning STEAM Scholars...

Project Fibonacci® focuses on ways of inspiring our up and coming workforce to embrace STEAM concepts that enable career diversity for all students and enhance interest in STEM especially for young female scholars. We wish to create an ecosystem that provides opportunities for immersive STEAM education, collaborative projects where students work alongside industry and academic experts, internships and apprenticeships that will eventually lead to meaningful full-time careers. Our model encourages students to attend local colleges and universities, and pursue careers in a variety of fields right here in the Mohawk Valley and the greater Central/Upstate New York region. There’s a great deal here if you are willing to seek it out. Our STEAM conference tracks are designed to help you define and shape your career paths as well as encourage you to consider starting your own business. We have the local resources and organizations to help you realize that dream and we will go out of our way to connect you to them. You can help transform our region and make the Mohawk Valley a nationally-recognized STEAM center of excellence for workforce education and economic development. We started this journey in 2015 and you are an integral part of our success!

Last year I asked, *why have this in Rome, NY?* My answer remains the same, *why not have it in Rome?* As I said at the time, *it takes a village to raise a STEAM campus and all roads lead to Rome.* That continues to be my vision. I want to thank our many supporters who have the same vision. They are listed throughout this Advance Program. Rome and the surrounding area have much to offer in the way of wonderful job opportunities, great education, and a diversity of recreational activities. I believe we are beginning to witness a significant transformation in Rome that will continue to take place over time and we hope to be part of that process as things unfold.

Rome is a city of rich history, sports achievements, scientific accomplishments, and artistic pursuits of all kinds. We have a thriving scientific and technical community that is serving the nation in unmanned air systems, cyber security, advanced communications and nanotechnology. The Air Force Research Laboratory and its high-tech contractor base are credited for being the anchor for business growth and economic development in the area. We are also thankful for our arts community that in addition to local museums and art centers such as the Munson-Williams Proctor Arts Institute, Rome Arts Community Center, Fusion Gallery and ArtisTree, a flurry of other activity in music, photography, and film production projects can be found throughout the area. These communities form the core of our science and arts spirit that underpins the Project Fibonacci® mantra. Our core values continue to focus on growth in education, community and future prosperity centered on our young citizens.

My hope is that you will pursue an academic or professional career path that is rewarding, and one that will keep you rooted to the area in order to help build a bright future. The goal of Project Fibonacci® is to ensure a thought-provoking, life changing, and highly memorable experience that will assist in your journey of awareness, self-discovery and educational or professional career pursuits.

During the conference week, you will be exposed to experts, mentors and a few celebrities who will guide and inspire you. You will experience new ideas and perspectives on the universe, physics and the future of technology by Dr. Michio Kaku and Dr. Debbie Berebichez; seemingly impossible engineering ideas and creative design concepts by Christine McKinley; topics on medicine, health management and the human body by a panel of experts examining holistic approaches that combine ancient arts, eastern and western practice, martial arts, yoga, and other techniques; as well as the traditional arts that include music, nature and a host of other synergistic topics. We will continue to highlight some of the underlying mathematics, such as the Fibonacci series, which acts as the “glue” binding the arts and sciences in ways you may not have realized, and to enable you to view the world differently and show how you can be agile, multi-faceted and excel in all things possible. We have integrated an entrepreneurship thread throughout the week where you will take the lessons learned each day to develop a pitch to a panel of entrepreneurs and business leaders based on an interesting STEAM idea. This will be led by Daymond John, one of the *sharks* from ABC’s *Shark Tank* who will moderate our very own STEAM Tank. This will culminate in a STEAM Fair at the conclusion of the conference that will be open to the public and the media.

All this does not happen without the help of an exceptional committee and team of dedicated supporters. I personally want to thank each and every member of the steering committee, our sponsors and supporters who are listed throughout this program, for without their help, this cannot be realized. We hope you are as inspired and enriched as we are enthusiastic!

On behalf of our staff, educators and mentors, we look forward to seeing you soon! Full STEAM Ahead!!

Andy Drozd, Founder & Chairman
The Project Fibonacci® Foundation, Inc.
2017 PROJECT FIBONACCI WOMEN & STEAM KEYNOTE SPEAKERS SERIES

*EVENING KEYNOTES ARE OPEN TO THE PUBLIC
TICKETS AVAILABLE AT EVENTBRITE.COM

MONDAY, JULY 31

Christine McKinley

Christine McKinley is a mechanical engineer, musician and author of *Physics for Rockstars*. Her musical *Gracie and the Atom*, won a Portland Drammy for Original Score. McKinley is also the guest host of *Brad Meltzer’s Decoded* on the History Channel and *Under New York* on the Discovery Channel.

GENERAL ADMISSION TICKETS AVAILABLE AT EVENTBRITE.COM

TUESDAY, AUGUST 1

Dr. Debbie Berebichez

Dr. Debbie Berebichez is a physicist, TV host and data scientist. She is the first Mexican woman to graduate with a physics PhD from Stanford University and is a STEM advocate. Dr. Berebichez is the co-host of Discovery Channels *Outrageous Acts of Science* (2012-present) where she uses her physics backgrounds to explain the science behind extraordinary engineering feats. She also appears as an expert on the Travel Channel, NOVA, CNN, FOX, MSNBC and numerous international media outlets.

GENERAL ADMISSION TICKETS AVAILABLE AT EVENTBRITE.COM

*Keynote Speakers Series 6:30-8:30
Tentative times & venues subject to change

Copyright © The Project Fibonacci® Foundation, Inc. 2017.
WEDNESDAY, AUGUST 2

Dr. Michio Kaku

Dr. Michio Kaku is an American theoretical physicist, futurist, and popularizer of science. Kaku is a professor of theoretical physics at the City College of New York and CUNY Graduate Center. He is also the author of three New York Times best sellers as well as the guest host of several television specials on the Discovery Channel, History Channel and Science Channel.

GENERAL ADMISSION TICKETS AVAILABLE AT EVENTBRITE.COM

THURSDAY, AUGUST 3

Daymond John

Daymond John is a co-star on ABC’s Emmy Award winning reality business show, Shark Tank, and the Founder and CEO of FUBU, a clothing company which has amassed over 6 billion dollars in worldwide retail sales to date. He’s a consultant and public speaker, who shares his expertise with everyone from students and aspiring entrepreneurs to small business owners and CEOs of major corporations.

GENERAL ADMISSION TICKETS AVAILABLE AT EVENTBRITE.COM

PROUDLY PRESENTED BY:

*Keynote Speakers Series 6:30-8:30
Tentative times & venues subject to change
ANDRO Computational Solutions, LLC is a scientific research & development company supporting defense and commercial markets. ANDRO is a leader in developing emerging prototypes for cyber-secure RF communications, command and control (electromagnetic spectrum management, cognitive radios) including multisensory resource management for radar target tracking and related applications. ANDRO is also a strong proponent of STEAM education as a catalyst for workforce and economic development.

Main Office:
One Beeches Place • 7980 Turin Road, Bldg. 1
Rome, NY 13440-1934

Syracuse Office:
CNY Biotech Accelerator • 841 E. Fayette Street
Syracuse, NY 13210

www.androcs.com (315) 334-1163

ANDRO Computational Solutions, LLC is a scientific research & development company supporting defense and commercial markets. ANDRO is a leader in developing emerging prototypes for cyber-secure RF communications, command and control (electromagnetic spectrum management, cognitive radios) including multisensory resource management for radar target tracking and related applications. ANDRO is also a strong proponent of STEAM education as a catalyst for workforce and economic development.

ANDROMetaX, Corp., is an ANDRO Company providing Spectrum Management as a Service (SMaaS) including wireless cyber-secure solutions for the federal and civilian Internet of Things (IOT) marketplace:
- Unmanned Air Systems (UAS) RF Sense & Avoid
- Autonomous Systems & Vehicles
- “Big (Spectrum) Data” Processing
- Medical Technologies & Wearable Biosensors
- Brain-Computer-Interface (BCI) Applications
- Medical Image Feature/Anomaly Detection, Image Analysis & Classification
WHO WAS FIBONACCI?

Project Fibonacci® has been inspired by the renowned mathematician, Leonardo Bonnaci, later nicknamed “Fibonacci” by his contemporaries and historians.

During the 13th Century, Fibonacci “discovered” a branch of mathematics that neatly describes emergent patterns we often encounter in science, engineering, nature, art, music and elsewhere throughout the cosmos.

The Fibonacci sequence is a series of numbers in which a number is found by adding the two numbers before. Starting with 0 and 1, the sequence will then be 0, 1, 1, 2, 3, 5, 8, 13, 21, 34 and so forth.
NYSTEC is proud to support the next way of young scholars and the 2017 STEAM Youth Conference!

Helping clients plan and manage:

Technology Acquisition Support  Communications
Information Technology Strategy  Information Security
Health Care Information Technology  Network Planning and Design

Bringing Clarity To Complex Technology Projects
1. Nomination

Have a teacher, professor or mentor nominate you to attend the 2017 Project Fibonacci® STEAM Conference.
Qualifications to attend:
- High School Juniors-College/University Seniors 2017-2018
- Age range 16-22
- Shows potential and/or demonstrates leadership in STEAM disciplines

2. Acceptance

The Project Fibonacci® Foundation, Inc. Admissions Board will carefully review each nomination. Upon review, accepted students and their parents will receive an acceptance letter by mail with further details.

3. Registration

Register here to reserve your spot at the conference
ProjectFibonacci.org

Students may complete the transaction portion via credit card during the registration process, or mail checks made payable to Project Fibonacci® to:

The Project Fibonacci® Foundation, Inc.
c/o ANDRO
P.O. Box 543
Rome, NY 13442-0543

Students who have been sponsored by a company/organization/school have the option during the registration process to fill out the applicable information
Andrew Drozd
ANDRO President
Founder & Sr. Advisor of the
Project Fibonacci®
Foundation, Inc.

Edward Talerico
ANDRO
2017 Conference Chair

Michele Salisbury
NYSTEC
2017 Co-Chair

Stephen Benson
ANDRO
Secretary

Sarah Foster
Oneida County
Tourism

Roxy Randall
STEAM Scholar
Advisory Board

Jenn Beach
C&D Advertising
Advertising Specialist

Jessica Griffin
ANDRO
Exhibits Chair

Amy Singletary
ANDRO
Publications

Katrina Bratge
SUNY Cortland

Daniel Kostelec
ANDRO
STEAM Outreach Coordinator

Bridget Talerico
ANDRO
Social Media

Corey Colmey
Entertainment Chair
Corey Colmey
Drum Instruction

Pam Mandryck
ANDRO
Grants & Fundraising

John Vanella
Conference Direct
Conference Management

Orlando Destito
The Beeches
Local Transportation & Logistics

Jasmine Milner
STEAM Scholar
Advisory Board

Barbara Welch-Drozd
Volunteer Coordinator

Evan Drozd
STEAM Scholar
Advisory Board

Elizabeth Palumbo
ANDRO
Local Arrangements

Tammy Willson
ANDRO
Registration Chair

Copyright © The Project Fibonacci® Foundation, Inc. 2017.
The Project Fibonacci® Curriculum Committee, which consists of industry experts and professional educators, has crafted a program that will show you how the sciences and arts interwoven through common mathematical principles.

Martha Group
Vernon-Verona-Sherrill School District Superintendent

Maria Smith
ANDRO Computational Solutions, LLC

Greg Kelahan
Watkins Glen School District Superintendent

Ramona Smith
ANDRO Computational Solutions, LLC

Julia Pilny
Booz Allen Hamilton

Bryant Wysocki

Nathan McDonald

We are planning a wide variety of interactive workshops to choose from on various STEAM themes in order to open eyes and spark creative thinking. More reflection and discussion time with your STEAM facilitators has been built into this year’s program.
Assured Information Security: Your Trusted Experts in Cyber Security

Security is in our name and it’s something we’ve focused on exclusively for more than 15 years. Secure your organization’s networks, applications, and sensitive information with the industry leading experts... AIS.

AIS proudly supports the Fibonacci Youth Conference.

Visit us at ainfosec.com for more information and to see a listing of our exciting career opportunities.
# SCHEDULE BREAKDOWN*

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
</table>
| 8:00-9:00  AM | **DAILY MORNING WAKE-UP ACTIVITIES**  
STEAM SCHOLARS GET READY FOR THE DAY & ENJOY BREAKFAST PROVIDED BY THE BEECHES |
| 9:00-11:00 AM | **STEAM SCHOLAR PROJECT PLANNING & DEVELOPMENT**  
LUNCH |
| 12:30-4:30 PM | **STEAM WORKSHOPS & OFF-SITE TOURS**  
12:30-4:30 PM  
STEAM WORKSHOPS & OFF-SITE TOURS |
| 4:30-5:30 PM | **STEAM SCHOLAR FREE-TIME**  
PHYSICAL ACTIVITIES: YOGA / MEDITATION, RUNNING & WALKING ARE ENCOURAGED |
| 5:30-6:30 PM | **DINNER & KEYNOTE ASSEMBLY**  
5:30-6:30 PM  
DINNER & KEYNOTE ASSEMBLY |
| 6:30-8:00 PM | **KEYNOTE SPEECH**  
(MERCHANDISE AVAILABLE FOR PURCHASE, LIMITED BOOK SIGNING) |
| 8:00-9:30 PM | **PROJECT DEVELOPMENT AND/OR SOCIAL EVENT** |

*Daily Schedules are Subject to Change
OPENING DAY*

SUNDAY, JULY 30
12:00-2:30 STEAM Scholar Check-in

The Beeches Conference Center
7900 Turin Rd.
Rome, NY 13440

Don’t Forget!
Signed Code of Conduct & Medical Release Form

THE OVERARCHING THEME OF THE 2017 CONFERENCE:
TURN YOUR STEAM PASSION INTO PROFITABILITY

Local performance artists using improvisation and demonstrations will provide a glimpse into some of the upcoming STEAM workshops and themes during the week ahead, including introductions by local celebrities, business and local government leaders.

SUNDAY ACTIVITIES:
- Team Introductions
- Ice Breakers
- Entrepreneur Panel
- Round Table Panel Discussion

ATTENTION STEAM SCHOLARS ARRIVING BY TRAIN, PLANE OR BUS:
Please send travel itinerary no later than July 1, 2017 to ensure proper pick-up
info@projectfibonacci.org

*Daily Schedules are Subject to Change
Physics Rocks!—A Journey of Discovery: Synergy of Physics, Engineering & Math with Musical Arts and Architecture to Catalyze STEAM Learning

KEYNOTE BY
CHRISTINE MCKINLEY

A STEAM POWERED LIFE WORKSHOP: THE ART OF DESIGN & SCIENCE OF FLIGHT

Topics & Workshops will include:

• Applying a cross-discipline approach using the arts and architectural principles to increase interest in STEM

• How the various arts (e.g., music) influence science and technological advancement
  ♦ Jazz, Hip-Hop, etc.

• Insights into the science and math of sound for creative design and construction & impossible engineering
  ♦ Harmonics, Resonance, and Fibonacci Sequences

• Influencing scientific innovation and economics in burgeoning areas such as:
  ♦ The Internet of Things
  ♦ Autonomous Systems/Vehicles
    ♦ Unmanned Air Systems, Driverless Cars
  ♦ Medical Technologies

*Daily Schedules are Subject to Change
Women & STEAM—The Growing Role of Women in Diverse Science and Art Disciplines

KEYNOTE BY

DR. DEBBIE BEREBICHEZ

CHANGING THE WORLD: ONE EQUATION AT A TIME

FOCUS & CLARITY: LIFE EXPERIENCES

Topics & Workshops will include:

- Woman leadership & female role models in various STEAM careers
- The influence of arts & soft sciences in STEM learning
- An inside look at the growing role of women in scientific disciplines:
  - NASA Space Program
  - Biomedicine
  - Engineering
  - Mathematics

SPECIAL WORKSHOPS ON ENGINEERING, APP CODING, MUSIC & ENTREPRENEURSHIP BY CHRISTINE MCKINLEY & MACI PETERSON

Entrepreneurship & App Coding:

Maci Peterson is the innovator behind the app, On Second Thought, allowing a grace period to recall sent text messages.
Technology & The Future—The Role of STEAM in Building Societies

KEYNOTE BY DR. MICHIKO KAKU

Topics & Workshops will include:

- The evolution of technology & the future of our world
  - Robotics
  - Space Travel
  - Exploration of the Cosmos
- Future shifts in society and business culture
- Adapting for the future by drawing from technological trends & inspiring entrepreneurial pursuits
  - Case studies from companies such as SpaceX & Google
- The future of space exploration
  - The Colonization of Mars & Beyond

TENTATIVE WORKSHOPS BY DR. BEREBCHEZ

“Physics & Chemistry: Exploding Filmstock”
“The Internet of Things”
“Outrageous Acts in Science History”
“Data Science: Understanding Computer Algorithms”

*Daily Schedules are Subject to Change
THURSDAY, AUGUST 3*

STEAM Tank: Starting up a STEAM Business—How to Conceive, Develop, Implement & Effectively Pitch a STEAM Startup Based on a Diversity of Concepts

KEYNOTE & STEAM TANK PANEL MODERATOR
DAYMOND JOHN

Topics & Workshops will include:

- Developing creative ideas & strategies for pitching novel STEAM business concepts
- Crash course in effectively pitching ideas to a expert panel of entrepreneurs
- Leveraging the art and science of business development & economic forecasting
- How math sells a business idea
- Promoting products with a unique STEAM spin

This will be a great time to get creative & test your sales skills while exploring the entrepreneurial STEAM aspects associated with the process!

*Daily Schedules are Subject to Change

Copyright © The Project Fibonacci® Foundation, Inc. 2017.
FRIDAY, AUGUST 4*

Practical Science, Impossible Engineering, Art & Creative Design—The Big Picture of STEAM as a Catalyst for Incentivizing STEM Learning

SPECIAL PRESENTATION BY KEVIN DELANEY

Topics & Workshops will include:

- Using Science to Create Visual Art
- The Science & Math of Music
- Photography Composition
- Nature Art
- Cinematic Technical Arts
- The Growing Movement of STEAM Education
- How criteria for educational curricula, federal legislation & businesses are changing STEM to STEAM

The day will conclude with a celebration, barbeque dinner, musical guests, fireworks and other surprise entertainment!

*Daily Schedules are Subject to Change
SATURDAY, AUGUST 5*

COLLEGE & CAREER EXPO
STEAM FAIR
FAREWELL CEREMONIES

PARENTS & FAMILY ARE ENCOURAGED TO ATTEND!
OPEN TO THE PUBLIC

9:00-3:00PM
Rome Free Academy
95 Dart Circle

STEAM Scholars will be assigned to work on group projects at the beginning of the week that will be presented to the public on the last day. A career and college fair will also be held to provide STEAM Scholars with the opportunities to network and plan for the future!

STEAM FAIR JUDGES WILL SELECT THE TOP THREE WINNING TEAMS

A graduation exercise will take place at the conclusion of the conference along with a farewell celebration.

STEAM SCHOLARS LUGGAGE & BELONGINGS PICK-UP IS FROM 3:30-4:30PM AT THE BEECHES INN

*Daily Schedules are Subject to Change
At Community Bank, our philosophy is simple: We put our customers first in everything we do.
So we work not only to understand your financial goals, but to get to know you, as well.

That’s been our approach for 150 years. It’s no wonder we’ve been nationally recognized for our financial strength. You’ll discover that Community Bank can serve your every banking need, every day.

bank happy.

Community Bank N.A.

Stop by your local branch today and see what it means to bank happy.

7812 Turin Rd, Rome | Griffiss Park, 160 Brooks Rd, Rome
communitybankna.com
TENTATIVE WORKSHOPS & TOURS*

SCIENCE

- Medicine, Human Physiology & Health Management:
  *Drawing on a Combination of Ancient Arts and Modern Science*
- “Don’t Entrepreneur Yourself to Death”
- Practical Information Theory
- Professional Ethics Amidst Everchanging Science & Technology
- The Science Behind the Culinary Arts—Food for the Brain:
  *Molecular Gastronomy*
- Turning Cognitive Research Tasks into Games
- The Art of Computer Graphics & the Science of Forensics
- The Internet of Things
- Outrageous Acts in Science History
- Data Science: Understanding Computer Algorithms

TECHNOLOGY

- App Coding—*hosted by Stuart Voit*
- Architectural Walk & Talk
- Creating Glass Pyramid Models with 3Doodler
- Erie Canal: *Revisiting the Past & the Link to the UAS Corridor of the Future*
- UAS Corridor Tour- *Includes Flight Simulation, Flying Micro & Mini Quad Copters, Rules & Ethics, Applications*
- Combining the Art of Gaming & Computer Graphics to Build Virtual Communities
- Communications- *hosted by John Puelo, a ham radio contact with the International Space Station*
- Cyber Coding
- UAS Swarms Based on Nature

*Daily Schedules are Subject to Change*
TENTATIVE WORKSHOPS & TOURS*

ENGINEERING
- Technical Business Incubation & Acceleration
- Entrepreneurship in Engineering—hosted by Maci Peterson
- Harnessing Your Creative Potential in Engineering Design
- Brain Computer Interfaces

ART
- Photographic Composition
- Artist X Hidden Studio
- Roaring into the Future: Machine Age of the Early 20th Century—MWPAI
- Hands-on Logo Design & T-Shirt Printing—Gula Graphics
- Sound Sculpting
- The Art of Music & the Science of Sound
- Art of Improvisation for Communicating Science
- African Drumming through the Ages: The Art of Communications—Lead with Rhythm
- The Art of Computer Graphics

MATH
- The Math of the Universe...From Fibonacci to Really Big Numbers
- Fibonacci in Motion: The Science Behind Martial Arts
- Math in Prose & Poetry: The Fun Side of Math

*Daily Schedules are Subject to Change
SPECIAL EVENTS*

FRIDAY, AUGUST 4

SPECIAL PRESENTATION

Kevin Delaney

Kevin Delaney is a science presenter at Arkansas’ Museum for Discovery in Little Rock. His talent for science communication landed him a recurring spot on the Tonight Show Starring Jimmy Fallon as the resident science presenter. He is also the host of Street Science on the Science Channel.

In addition to our keynote speakers, special presentations & workshops, we have a number of field trips planned to local scientific and art centers of excellence in the Mohawk Valley and Central NY region.

★

This will expose STEAM Scholars to our local attractions and facilitate creative collisions with local experts, opening doors to potential internship and career opportunities.

★

We have several fun, let-your-hair-down events planned, including a ghost hunting tour and visits to other local attractions that will highlight the science, technology, art and history behind the scenes.

★

*Daily Schedules are Subject to Change
“Turn Your STEAM Passion into Profitability”

During the week of the conference, scholars will have worked in entrepreneurial teams (or “companies”) and with Project Fibonacci® facilitators to develop a business plan based on STEAM related fields. Scholars will share their business concepts at the STEAM Tank and what they learned at the STEAM Fair on the final day of the conference.

Scholars will prepare for a poster session and will share with attendees (parents, community members, volunteers & other STEAM Scholars) using:

- Poster displays
- Videos
- PowerPoint
- Brochures
- Other print and/or electronic media

Presentations are informal and should take no more than 5 minutes to convey the message. This includes the business plan, potential next steps, and critical feedback that was gleaned during the STEAM conference from panelists, keynote speakers, facilitators, workshop presenters, and during off-site learning opportunities. Scholars will work within their teams and with facilitators each day to develop their business plans.
### WHAT TO PACK

#### Clothing
- Jeans
- T-Shirts
- Shorts
- Shirts
- Dresses
- Athletic clothes
- Formal outfit for special events

#### Don’t Forget!
- Pajamas
- Undergarments
- Socks
- Comfortable walking shoes
- Bathing Suit
- Jacket/Sweater/Hoodie
- Cell Phone/Charger

#### Toiletries
- Toothbrush & Toothpaste
- Shampoo
- Soap
- Deodorant
- Brush/Comb
- Cosmetics
- Sunscreen

#### Optional Items
- Bug Spray
- Lotion
- Musical Instruments
- Digital Camera
- Art Supplies

*We are not responsible for lost, damaged or stolen items*

An on-site safe will be available to store valuables

**IMPORTANT:**

Students must provide signed Code of Conduct and Medical Consent Form in order to attend

*These forms can be downloaded at Projectfibonacci.org*

Security Provided By: Cosnett & Associates Investigations

On-Site Medic: EventMedic
SPECIAL THANK YOU

The Shoreline Group
Rome Community Foundation

NYSTEC
United Way

Air Force STEM/ Griffiss Institute
Assured Information Security, Inc.

Herkimer-Oneida Dental Association
Rome Academy of Science
AmeriCU
How much is tuition and what does it cover?

Tuition for returning STEAM Scholars (2016 Alumni): $1,200
Tuition for new STEAM Scholars: $1,499

This all-inclusive fee provides:
- Lodging
- Meals & Snacks
- Shuttle Services
- Workshops
- Keynote Speeches
- Project Fibonacci® Merchandise
- Entertainment
- Medical & Security Services
- Project Materials
- Off-site Tour Access

What if I (or the students I nominated) are not financially equipped to handle the full tuition?

The Project Fibonacci Foundation, Inc. encourages students to tap into their entrepreneurial spirits by gaining tuition sponsorships from their school, local businesses, and other sources. Other group/personal fundraising endeavors are highly encouraged.

Contact us for promotional materials: info@projectfibonacci.org

Important Dates & Deadlines

Scholarship Entry Deadline: April 15, 2017
Nomination Deadline: June 1, 2017
Itinerary Details: July 1, 2017
Registration Deadline: June 30, 2017
**FREQUENTLY ASKED QUESTIONS**

**Where will the conference be held?**

The conference will primarily be held at the Beeches Professional Campus in Rome, NY. Students will also visit off-site locations in the surrounding areas of Central NY.

**Will there be security/chaperones?**

Our trained STEAM Scholar Facilitators will guide teams throughout their daily activities. Security will be on duty for the duration of the night. Our event medic will also join students and staff on all activities in case of medical emergencies.

**What do I need to provide Project Fibonacci® before attending?**

All STEAM Scholars must read and recognize the Code of Conduct prior to attending. Also, parents must submit a Medical Release form to include allergies, medications, disabilities etc. for our Event Medic use. These forms can be found at Projectfibonacci.org or contact us for more information.

**As a teacher/educator, how can I get involved?**

Professional Development Credits for Teachers:

Public school teachers of any grade level and subject area are welcome to attend keynote presentations and select workshops to receive PD credits.

For more information, please contact Madison-Oneida BOCES Staff & Curriculum Development Division at (315) 361-5550