



X STEM 2018

SPONSORED BY:



AGENDA

THURSDAY, APRIL 5, 2018 | 9:30 AM - 3 PM | WALTER E. WASHINGTON CONVENTION CENTER | #XSTEM

STAGES

9:30-9:45am: Welcome Address & Opening Remarks (STAGE ONE)

WORKSHOPS

10:00-11:05am:
SESSION ONE

STAGE ONE ROOM 146

10:00-10:30am:
Emily Calandrelli
Adventures of a Science
Storyteller on TV

10:35-11:05am:
Dr. Natalie Batalha
A Planet for Goldilocks:
NASA's Search for Evidence
of Life Beyond Earth

STAGE TWO ROOM 145

10:00-10:30am:
Dr. Jean Yang
How Programming Languages
Can Help Protect Our Data

10:35-11:05am:
David Kline
My Accidental
Career

STAGE THREE ROOM 147

10:00-10:30am:
Dr. Po-Shen Loh
How to Build a Thinking
Society

10:35-11:05am:
José Resendiz
Inventing Products
that Win!

11:20-12:25pm:
SESSION TWO

11:20-11:50am:
Dr. Tierney Thys
Illuminated by the
Sunfish

11:55-12:25pm:
Danielle Feinberg
The Art of Science: The
Challenges of Bringing
Imagined Worlds to Life

11:20-11:50am:
Dr. J. Marshall Shepherd
Zombies, Sports, and Cola:
Implications For Talking About
Weather and Climate

11:55-12:25pm:
Dr. Mark Eakin
Chasing Coral Bleaching:
A Present and Growing
Ecological Disaster

11:20-11:50am:
Dr. Greg Gage
The Neuroscience of
Mind Control

11:55-12:25pm:
Dr. Erich Jarvis
Bird Song and Human
Speech

1:10-2:15pm:
SESSION THREE

1:10-1:40pm:
Dr. Knatokie Ford
From Harvard to Hollywood:
STEM, Storytelling, and an
Outrageous Dream

1:45-2:15pm:
Limor Fried
Hacker, Maker, Artist,
Engineer - Made in USA

1:10-1:40pm:
Dr. Joseph DeSimone
Changing the World of
Manufacturing Through Diverse
Teams of Scientists and Engineers

1:45-2:15pm:
Amelia Draper
Snowstorms, Hurricanes, Tornadoes
and Sunshine...The Life of a
Television Meteorologist

1:10-1:40pm:
General Heather Pringle
Why I like being a Scientist in
the U.S. Air Force!

1:45-2:15pm:
Mohamed Kande
Key Technologies of the Fourth
Industrial Revolution

2:30-3:00pm:
SESSION FOUR

2:30-3:00pm:
Dr. Howie Choset
Robotics from Biology
to Manufacturing

2:30-3:00pm:
Dana Lorberg
YOU CAN DO IT! Discover your
Confidence & STEM Strength



10:00-11:00am: SESSION ONE

11:20-12:20pm: SESSION TWO

1:10-2:10pm: SESSION THREE



WORKSHOP ONE: ROOM 152B
Hollywood Stunt Science with Steve Wolf



WORKSHOP TWO: ROOM 152A
Tracking the Origins of an Epidemic
Hosted By: The American Society for Microbiology



WORKSHOP THREE: ROOM 150B
Optical Engineering
Hosted By: Edmund Scientific



WORKSHOP FOUR: ROOM 150A
Engineering Encounters
Hosted By: Idaho National Laboratory



WORKSHOP FIVE: ROOM 144
Building and Programming Robots
Hosted By: Robolink

USASCIENCEFESTIVAL.ORG | [#XSTEM](https://twitter.com/XSTEM)

Attendance in X-STEM talks and workshops is by advance registration only. Please refer to your registration confirmation for the list of talks you are registered to attend.