

2022 Program Schedule

8:00 - 8:30	Conference Check-In		
8:30 - 8:55	Conference Welcome	Key West Ballroom, Student Union Room 218	
	Welcome & Conference Overview Dr. Melissa Dagley Mr. Andrew Cummings	Executive Director, iSTEM Senior Vice President, Connelly & Wicker Inc.	
9:00 - 10:10	Industry Panel: Diversity and Inclusion in STEM		
	9:00 Session Moderator: Mr. James Clamons	Vice President of Engineering (Retired), L3Harris Corporation	
	9:05 Dr. Christina Drake	Chief Executive Officer (CEO), Kismet Technologies	
	9:15 Ms. Rose LeJiste	Executive Director, Black Orlando Tech	
	9:25 Mr. Cordell Rolle	Chief Executive Officer (CEO), Rolle IT, LLC	
	9:40 Moderator to entertain questions from the audience and the panel		
10:20 - 11:10	Session One: Concurrent Workshop Sessions		
Location	Track		
SU 221	E, IMH	We Go as the Artemis Generation: Leveraging NASA's NextGen STEM Resources to Engage Youth Dr. Samuel Garcia	Education Specialist, NASA Kennedy Space Center
COC	E, MH	Enduring Effect of Project-Based Learning Mr. Abdul Siddiqui	Engineering Mentor and STEM Coordinator, US Army - PEO STRI
SU 316A	S, IM	Ice, Ice, Baby: What can we Learn from Ice? Dr. Rachel Hallett-Njuguna	Postdoctoral Scholar, University of Central Florida
SU 316B	T, P	Educational Robots to Foster Coding and Computational Thinking in K-2 Environments Ms. Ysabel Gonzales	Center Director, Easter Seals South Florida
SU 316C	E, PI	STEAM in Title I Mrs. Ashlynn Ramirez, Ms. Olivia Hallac, Mrs. Donarsha Correa, and Ms. Vanessa McElwayne	Principal and Teachers, Union Park Elementary School
SU 316D	E, PIM	Problem Solving STEAM in Elementary and Middle School Mr. Nathan Hicks and Mr. Steve Cercone	Special Projects Manager and Program Consultant, Bluegrass Educational Technologies
11:10 - 12:10	Lunch		Student Union, John T. Washington Center, and Knights Plaza
12:20 - 1:10	Session Two: Concurrent Workshop Sessions		
SU 221	T, M	Making Coding Concepts Accessible - An Example Lesson on Conditionals Mrs. Julie Perry	Teacher, Florida State University Schools
COC	S, IM	Teaching the Nature of Science Through Gizmos: A Digital 5E Lesson Plan Ms. Kelsey Beeghly	Science Education Doctoral Student, University of Central Florida
SU 316A	M, H	Applying Algebra & Geometry Concepts Through TI-Robotics & Coding Dr. Kimberly Sparger and Mrs. Beth Smith	Instructional Coach, Volusia County Schools Instructional Technology Consultant, Texas Instruments
SU 316B	E, P	STEM Inquiry and Problem-Based Learning in the Garden Ms. Mary Lynn Hess	K-5 STEM Resource Teacher, Goldsboro Elementary Magnet School
SU 316C	T, I	STEM at OCVS Mrs. Ana Belen Ramos	ESOL Compliance Specialist, Orange County Virtual School
SU 316D	E, PIMH	Improved Student Learning of Engineering Through Inquiry-Based Modeling Lessons Developed Using a System Thinking Perspective Dr. Nancy Ruzycki, Dr. Krista Dulany, and Dr. Lorelie Imperial	Faculty, Instructional Specialist, and Postdoctoral Researcher, University of Florida
1:20-2:10	Session Three: Concurrent Workshop Sessions		
SU 221	E, PIMH	The Impact of STEM, Systems Thinking, and Authentic Learning in the Problem and Project-Based Learning Classroom Mr. Andrew Medearis	Life and STEM Sciences Facilitator, Flagler Palm Coast High School
COC	S, PI	STEM Inspired by Art Masters Ms. Jennifer Jones and Mrs. Kathryn Senkarik	STREAM Coordinator and Art Teacher, Resurrection Catholic School
SU 316A	S, MH	Radio Astronomy in the Science Classroom - A Daytime Activity! Mr. John Clark	Science Teacher and Department Head, Volusia Online Learning, Volusia County Schools
SU 316B	E, I	Mission to the Moon Mrs. Missy Jones	STEAM Coach, Winter Springs Elementary School
SU 316C	E, PIMH	Bringing FIRST Robotics into the Classroom Mrs. Wendy Austin	Regional Director, FIRST Robotics
SU 316D	M, PIM	Exploding Dots and Teacher Math Circles Mrs. Amy Trujillo	Instructional Coach, Orlando Science Schools

Track Key: STEM Discipline, Grade Level	STEM Disciplines:	S = Science T = Technology E = Engineering M = Mathematics	Grade Level:	P = Primary (K-2) I = Intermediate (3-5) M = Middle (6-8) H = High (9-12)
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2:20-3:10		Session Four: Concurrent Workshop Sessions	
SU 221	E, PI	But There's No Time! Quick Lesson Plan Modifications to Tie STEAM to Elementary Standards Mrs. Mandy Fillenwarth and Mrs. Sarah McBride	STEAM Magnet Coordinator and Teacher, Bay Meadows Elementary School
SU 316A	E, IMH	Martian Rocks - A New Pedagogical Approach to Closing Achievement Gaps in Underrepresented Minority Classrooms Dr. Corydon Strawser	Teacher & Adjunct Professor, Orange County Public Schools & University of Central Florida
SU 316B	T, MH	Computer Science Is for Everyone Mr. Michael Kmietowicz and Ms. Yadira Lopez	Education Specialist: Curriculum and Instruction and ECE STEM Coach, Orlando Science Center
SU 316C	M, PI	Chutes and Ladders and Robots Ms. Teri O'Connor	STEM Teacher K-5, Orlando Science Elementary
SU 316D	T, PIMH	Wakelet for the Six Cs Mrs. Amy Trujillo	Instructional Coach, Orlando Science Schools
3:15		Close of Conference	Key West Ballroom Pre-Function, Student Union Room 218
Turn in evaluation form			

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Student Union 2nd and 3rd Floor Maps

