



2023 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		Executive Director, iSTEM
	Mr. Robert Trompke		Chairman, Florida Engineering Foundation
9:00 - 10:30	Industry Panel: Celebrating Educators		
	9:00	Session Moderator: Lindsey Spalding	Director of STEM Programs, The National Center for Simulation
	9:05	Ms. Jillian Gloria	Propulsion Systems Test Engineer, United Launch Alliance
	9:15	Mr. Mario Montoya	Co-Founder, Siemens Energy Ventures, Siemens Energy
	9:25	Mr. Vijay Krishnan	Founder & CEO, iSportz Inc.
	9:40	Moderator to entertain questions from the audience and the panel	
10:40 - 11:30	Session One: Concurrent Workshop Sessions		
Location	Track		
SU 218	E, M	How to Design STEM Labs to Enrich and Engage Mr. Jeffrey Krob, Ms. Sally Brichler, Mr. Chris DeRosier, Mrs. Sharron DeRosier, and Mrs. Jacqueline Drescher	Instructional Consultants, From the Bottom Up Consulting
SU 221	T, IMH	Digital Portfolios in the Classroom Mrs. Michelle Lindquist	Teacher, St. Mary's Middle School
COC	T, MH	Exploring Cybersecurity Concepts in the Metaverse Mrs. Deshjuana Bagley	Director, SCF Coding Academy
SU 316A	E, PI	Reading, Writing, and Math, OH MY! Cross-Curricular Connections with STEAM Ms. Jessie Fiffick and Sarah McBride	Teachers, Bay Meadows Elementary School
SU 316B	T, MH	Computer Perception: Designing the Vacuum of the Future! Mr. Ian Lutticken and Dr. Nancy Ruzzycki	Instructional Specialist and Faculty, EQuIPD, University of Florida
SU 316C	E, PIMH	The Power of Student Choice and Voice in the STEAM and PBL Classroom Dr. Andrew Medearis and Amanda Frassrand	Life and STEM Science Facilitator, Flagler Palm Coast High School Student, University of Central Florida
SU 316D	E, MH	Enduring Effect of Project Based Learning Mr. Abdul Siddiqui	Systems Engineer and STEM Coordinator, US Army - PEO STRI
11:30 - 12:30	Lunch		
12:40 - 1:30	Session Two: Concurrent Workshop Sessions		
SU 218	S, MH	The Science of Superheroes Dr. Costas Efthimiou	Faculty, University of Central Florida
SU 221	T, PIMH	Improve STEM Education by Implementing Individualized Format Readability Dr. Stephanie Day, Ms. Amy Giroux, and Dr. Ben D. Sawyer Dr. Rochelle Rodrigo	Research Scientist, Lab Associate, and Associate Professor, University of Central Florida Senior Director, Writing Program, University of Arizona
SU 316A	E, I	A Force to be Reckoned With: Forces of Flight Mrs. Missy Jones	STEAM Coach, Winter Springs Elementary School
SU 316B	S, MH	Learning Science by Doing Science Mr. Michael Kmietowicz	Lead Education Specialist, Orlando Science Center
SU 316C	E, PIMH	Using a Miniature Golf Hole Project to Inspire Students to Dig Deeper Ms. Sandra Moss	Innovation Coach and Teacher, Teague Middle School
SU 316D	M, MH	Integrating Coding in Python in your Math Classroom on TI-84 CE or TI-Nspire CXII Mrs. Beth Smith	Educational Technology Consultant, Texas Instruments
1:40-2:30	Session Three: Concurrent Workshop Sessions		
SU 221	M, MH	Exploring Jupyter: Combining Rich Documentation with Executable Code for Teaching and Learning Data Science with Python Mr. Jared Carter and Mr. Michael Roberts	Data Science and AI Coach and Technology Coach, EQuIPD, University of Florida
COC	E, MH	Parabolic Partnerships - Bringing Microgravity Research in to the K-12 Danielle Miller and Mr. Adam LaMee	Teacher, Lake Nona High School Physics Instructor, University of Central Florida
SU 316A	T, IMH	Engineering Activities using Micro:bits to Support Science Standards in Middle School Dr. Krista Dulany, Ms. Olivia Lancaster, Miss Areesha Razi, and Dr. Nancy Ruzzycki	Research Assistant Scientist, Undergraduate Research Associates, and Faculty, EQuIPD, University of Florida
SU 316B	S, PI	Promoting Equitable Sensemaking in a STEM Classroom Using Plants Mary Lynn Hess	STEM Resource Teacher, Goldsboro Elementary Magnet School
SU 316C	M, PIMH	Mathematics Games Involving Visualization Thinking Dr. Enrique Ortiz	Professor, University of Central Florida
SU 316D	S, M	SLAM: Science Leadership and Mentoring Ms. Cassie Parker, Dr. Anne Bubriski, and Miss Kelly Tran	SLAM Program Manager, Director, and Facilitator, University of Central Florida
2:35	Close of Conference		Key West Ballroom Pre-Function, Student Union Room 218
	Turn in evaluation form		

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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Student Union 2nd and 3rd Floor Maps

UCF Student Union

LEGEND

- STAIRCASES & ELEVATORS
- VENDORS
- RESERVABLE SPACES
- SERVICES AND PROGRAMS
- RESTROOMS
- CONSTRUCTION

