

Florida Engineering Education Conference



Engineering Your Future

2015 Program Schedule

8:00 - 9:30	Registration	
8:30 - 9:30	College Welcome & Keynotes	Key West Ballroom, 218
8:30	Michael Georgiopoulos Keynote Speaker	Dean, UCF-CECS
8:45	Terry Hull Conference Overview	President, Florida Engineering Society
9:25	Melissa Dagley	Executive Director, iSTEM
9:40 - 10:50	Session One: Industry Panel: Overview regarding the importance of STEM and preparation of the future	
9:40	Session Moderator: Jim Clamons	VP of Design Engineering, Harris Government Communications Systems
9:50	Dr. Daniel Lacks	Chief Scientist, Cole Engineering Services, Inc.
10:00	Ruben Nunez	Aerospace Engineer, Serial Entrepreneur & Consultant
10:10	Mike Siemer	Director of Design & Engineering, Noble
10:20	Dr. Kevin H. Smith	Electrical Engineer, Harris Corporation Government Communications Systems
10:30	Moderator to entertain questions from the audience and the panel	
11:00 - 11:40	Session Two: Concurrent Sessions/Demonstrations	
Location	Track	
SU 222	S, M	Engage Girls in STEM with SciGirls Shayla Mark Founder & Executive Director, STEMchicks, Inc.
SU 224	E, H	Enduring Effect of Project Based Learning Abdul Siddiqui Software Engineer, US Army PEO STRI
SU 223	T, M	Bringing Together the New Curriculum & Industry Using the Comprehension Instructional Sequence Model Danielly Orozco Curriculum Coordinator, Florida Advanced Education Center - FLATE
SU 220	E, E	Engineering STEMulating Experiences in the Garden Mary Lynn Hess & Michelle Pace K-5 STEM Resource Teacher, Goldsboro Elementary Magnet School
SU 218	S, EM	Intro to Solar Electricity (Photovoltaics) Susan T. Schleith K-12 Education Program Leader, Florida Solar Energy Center
11:50 - 12:30	Session Three: Concurrent Sessions/Demonstrations	
Location	Track	
SU 218	T, EMH	NASA K-12 Interactive Website for Classroom Use Dr. Lester Morales NASA Education Professional Development Specialist, NASA Kennedy Space Center
SU 223	E, M	Incorporating SECME Into Your Curriculum Carol Unterreiner Teacher, Milwee Middle School
SU 220	SM, M	What STEM Can Do in a Math and Science Classroom. Hands on Lessons for the Math and Science Classrooms Amy Monahan STEM Teacher on Assignment, Volusia County Schools
SU 224	E, E	A Lesson Plan on Oil Spill Solutions Sona Gholizadeh & Karim Alizad PhD Student, UCF
SU 222	E, E	Engineering is Elementary Jennifer Kinler Education Specialist of Curriculum and Instruction, Orlando Science Center

Track Key: STEM Discipline, Grade Level	STEM Disciplines:	S = Science T = Technology E = Engineering M = Mathematics	Grade Level:	E = Elementary (K-5) M = Middle (6-8) H = High (9-12)
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12:30 - 1:30	Lunch	Key West Ballroom, 218
1:00	Defining the E in STEM Education Heidi Brennan Mathematics, Science, and STEM program Specialist, Florida Dept. of Education	
1:45 - 2:25	Session Four: Concurrent Sessions/Demonstrations	
Location	Track	
SU 218	E, EMH	Experience STEM With the Reach for the Stars ~ National Rocket Competition Jack "The Rocketman" Colpas Co-Director, Reach for the Stars - National Rocket Competition
SU 220	M, M	"When am I ever going to use this?" Making Math Meaningful Through STEM activities. Alyssa Stagaard Mathematics Teacher, Deltona Middle School
SU 223	E, EMH	Hello, Is It MEA You're Looking for? Cristina Mrozek District K-8 Curriculum Coach, TIF STEM Grant, Orange County Public Schools
SU 222	T, EM	The BYOD Classroom Guide: Leveraging the Power of Technology to Enhance Student Learning Michelle Perez CEO & Founder, The BYOD Classroom
SU 224	E, E	Experience PLTW Launch in Action Lanny Wood & Norine Quire Director of School Engagement, Project Lead the Way Project Lead the Way Master Teacher, Goldsboro Elementary School
2:35 - 3:15	Session Five: Concurrent Sessions/Demonstrations	
Location	Track	
SU 224	S, EMH	Bringing Real World Weather Measurement Problems into the Classroom George Bartuska Teacher, Kathleen High School
SU 220	S, M	Creating an Engaging STEM Experience for 8th Grade Students and With Partners in Education Stephanie Schnettler K-12 STEM District Resource Teacher, Orange County Public Schools
SU218AB	TE,EMH	The Maker Effect Candy Cole & Jessica King President & Vice President, The Maker Effect Foundation
SU 223	S, E	STEMMING OUT John McHale Principal, Deerwood Elementary School
SU218CD	M, E	Hands on STEM Math Activities for K-2 Using LEGOs James C. Jones Robotics Instructor, Trainer & Consultant, Ocoee High School & iBrick Academy
3:30-4:00	Close of Conference	Melissa Dagley Executive Director, iSTEM
		Reflection and Planning for the Future Evaluation Form Thank You and Plans for FEEC 2016

Student Union - 2nd Floor Map

