

Florida Engineering Education Conference



Engineering Your Future

2016 Program Schedule

8:00 - 9:30	Registration	
8:30 - 9:15	College Welcome & Keynote	Cape Florida Ballroom, Student Union Room 316
8:30	Welcome Melissa Dagley Clay Tappan	Executive Director, iSTEM President, Florida Engineering Society
8:45	Keynote Speaker Ken Church	President and CEO, nScript
	Conference Overview	
9:10	Melissa Dagley	Executive Director, iSTEM
9:30 - 10:30	Session One: Industry Panel: Overview regarding the importance of STEM and preparation of the future	
		VP of Design Engineering,
9:30	Session Moderator: Jim Clamons	Harris Government Communications Systems
9:35	Elaine Schomburg-LaFleur	Project Manager, Walt Disney World
9:45	Philip Loeffel	President/CEO, Riptide Software, Inc.
9:55	Kirsten Dreggors	Director, Vehicle Engineering, Northrop Grumman Corporation
10:05	Carol Craig	CEO, Craig Technologies
10:15	Moderator to entertain questions from the audience and the panel	
10:45 - 11:35	Session Two: Concurrent Sessions/Demonstrations	
Location	Track	
BA1 121	E, E	From Robots to Hurricanes: Using the Engineering Design Process in Elementary Scho JoAnn Archer and Lynda Roche Teachers, Stenstrom Elementary School
BA1 146	S, E	Mad Science: Making Science Edu-taining! Kylie Koscoe Chief Mad Scientist, Mad Science of NE Central Florida
SU 316	T, MH	Do U Know What is Made in Your Backyard? FREE Educational Resources, All Made in Florida Danielly Orozco-Cole Curriculum Manager, Florida Advanced Technological Education Center - FLATE
BA1 147	M, MH	Science is the Language of Math! Letizia Branz and Hollie Rogers Math Coach & STEM Resource Teacher, Orange County Public Schools
SU 220	T, E	Code Studio: Teaching New Literacy Anja Dragic First Grade Teacher, Seminole County Public Schools
SU 223	E, EMH	Renewable Energy and Data Collection Jaclyn Myers Renewable Energy Teacher, Indian Trails Middle School
11:45- 12:35	Session Three: Concurrent Sessions/Demonstrations	
BA1 147	E, E	Innovative STEM Experiences Mary Lynn Hess K-5 STEM Resource Teacher, Goldsboro Elementary Magnet School
BA1 146	E, EMH	NASA Engineering Challenge: Light but Strong Dr. Lester Morales NASA Education Professional Development Specialist, NASA EPDC
SU 316	E, MH	Girl Power – How to Recruit and Retain More Girls in Your STEM Programs Carol Unterreiner and Luci Coker Teacher and STEM Facilitator, Milwee Middle School
SU 220	S, E	Getting the Best Bang for Your Instructional Buck... Plan STEM with Purpose Amanda Soto P-SELL Coordinator, Orange County Public Schools
SU 223	T, E	Integrating STEM and Computer Science into the Elementary Day Debra Kelly Thomas and Annmargareth Marousky Computer Science Instructional Specialists, Broward County Public Schools
BA1 121	T, MH	Hydrogen Fuel Cell Technology Dr. Malcolm Butler Susan Schleith and Penny Hall Professor, UCF School of Teaching, Learning, and Leadership K-12 Education Programs, Florida Solar Energy Center
12:35 - 1:30	Lunch	
		Cape Florida Ballroom, Student Union Room 316

1:40 - 2:30		Session Four: Concurrent Sessions/Demonstrations	
BA1 121	E, E	Squishy Circuits and the Engineering Process Amy Trujillo and Rachel Knight	Instructional Coach and Teacher, Orlando Science Elementary School
SU 220	S, EM	Finding Time for STEM in Your Classroom Randy Stowers	School Improvement Specialist, Florida Department of Education
BA1 146	E, E	Help is on the way! - A Unit on Sinking and Floating Robin Guenther	STEM Teacher and Learning Resource Specialist, Celebration School K-8
SU 223	E, MH	Middle Grade Blue Prints Tim Ruddy and Amy Kopach	Teachers, Rymfire Elementary School
BA1 147	T, MH	Implementing STEM/Modeling & Simulation in the Classroom Henry (Hank) Okraski Lindsey Spalding	Board Member, National Center for Simulation Teacher, Hagerty High School
2:40 - 3:30		Session Five: Concurrent Sessions/Demonstrations	
SU 220	E, E	Hex Bug Simple Machine Obstacle Course Sue Curry and Debbie Smith	Inspiring Elementary Engineering Teachers, School District of Manatee County
SU 223	S, E	Energy Transfer Alicia Foy	Fifth Grade STEM Teacher, Palm Beach School District
BA1 121	E, M	Engineering on a Budget Nicole Spain	Robotics and Earth Science Teacher, Seminole County Public Schools
BA1 146	T, MH	Engaging Minority Students in Web Programming Ronnie King	Owner, Scratchwerk, LLC
BA1 147	E, EMH	This Is Rocket Science! Jack "The Rocketman" Colpas	Co-Director, Reach for the Stars - National Rocket Competition
3:40-4:00		Close of Conference	
		Reflection and Planning for the Future Evaluation Form Thank You	
		Business Administration I (BA), Room 107	

Track Key: STEM Discipline, Grade Level	STEM Disciplines:	S = Science	Grade Level:	E = Elementary (K-5)
		T = Technology		M = Middle (6-8)
		E = Engineering		H = High (9-12)
		M = Mathematics		

