FLORIDATECH SIZIVIPE OF EVENTS 2024

KEYNOTE PRESENTATIONS IN GLEASON PERFORMING ARTS CENTER

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TIME	SESSION	PRESENTER		
10-10:20 a.m.	The Secret Life of Baby Sharks	Dr. Toby Daly-Engel		
10:40–11 a.m.	Unlocking the Mysteries of the Brain E	Dr. Careesa Liu		
11:20-11:40 a.m.	Stellar Adventures: Exploring Our Galactic Neighbors and the Mysterious Heart of the Milky Way	Dr. Luis Quiroga-Nuñez		
Noon-12:20 p.m.	Playing With Fire: Racing Jet Dragsters with Larsen Motorsports	Elaine Larsen		
12:40–1 p.m.	Brains in Space: Teamwork Lessons from NASA Missions	Dr. Richard Addante		
1:20-1:40 p.m.	Mysteries of Lightning E	Dr. Hamid Rassoul		
2-2:20 p.m.	Monkey Minds Matter: Insights from a Comparative Psychologist H	Dr. Darby Proctor		

OTHER ACTIVITIES

OTHER AUTHOR					
10 a.m. & 11 a.m.	Campus Tours H	Hosted by Florida Tech Admissions (Registration required)			
10 a.m.−3 p.m.	Evans Library	Explore creativity in the Craft Lab and the Digital Scholarship Lab!			
10 a.m3 p.m.	Esports Center	Discover the exciting world of digital production and gaming!			

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ACTIVITY TABLES

- Underwater
 Archaeology:
 Pirates and Treasure
- 2 Cup, Cup, and Away: Making a Homemade Anemometer
- 3 Strawberry DNA Extraction
- 4 Virtual Playground
- 5 Cryogenic Creamery: The Chemistry of Ice Cream
- 6 Celestial Seekers: An Astronomical Scavenger Hunt
- 7 A Science Olympiad
- 8 Bristlebots
- 9 Florida Tech Industrial/ Organizational Psychology Society
- 10 Groundbreaking (pun intended) Soil Tested in a Minute (2–2:40 p.m. only)













STEMPOWER DAY 2024 SCHEDULE OF HOURLY SESSIONS

SESSION	LOCATION	SESSION	LOCATION
10 A.M. SESSIONS (10-10:40 a.m.)		NOON SESSIONS CONTINUED (Noon-12:40 p.m.)	
Cards to the Sky Presented by Tim Muth and Dr. Chris Sonnenberg	Crawford, 220	First Stars, Furthest Stars, and the End of the Cosmic Dark Age M Presented by Dr. Don Warren	Crawford, 404
Mind Games: Using Brainwaves to Play Video Games Presented by Dr. Scott Gustafson & Dr. Vida Tyc	Crawford, 403	Teaching Animals Skills Using Applied Behavior Analysis E Presented by Dr. David Wilder	Crawford, 210
How to Use a Computer to Acquire Data Presented by Dr. Jim Brenner	Crawford, 111	Amazon Prime's "The College Tour" + Q&A Presented by Florida Tech President's Ambassadors	Crawford, 112
Quantum Computing for K–12 Students Presented by Dr. Naveed Mahmud	Crawford, 404	Drone Zone Presented by Dr. Vivek Sharma (with Drone Club)	Skurla, 110
Worlds Beyond the Solar System: The Gift of Exoplanetary Science Presented by Dr. Howard Chen	Crawford, 210	Plane and Simple Fun Presented by Dr. Brooke Wheeler	Skurla, 116
Amazon Prime's "The College Tour" + Q&A Presented by Florida Tech President's Ambassadors	Crawford, 112	1 P.M. SESSIONS (1–1:40 p.m.) Admissions Presentation H	
Drone Zone	Skurla, 110	Presented by Florida Tech Admissions	Evans Library, P133
Presented by Dr. Vivek Sharma (with Drone Club) Plane and Simple Fun Presented by Dr. Brooke Wheeler	Skurla, 116	The Interrogation Room! The Science of Police Questioning Presented by Dr. Travis Conradt & Dr. Brandon May	Crawford, 230
11 A.M. SESSIONS (11–11:40 a.m.)		How to Use a Computer to Acquire Data H Presented by Dr. Jim Brenner	Crawford, 11:
Admissions Presentation Presented by Florida Tech Admissions	Evans Library, P133	What Do Your Brainwaves Look Like? Come See Your Brain in Action! Presented by Dr. Sujoy Hajra & Dr. Careesa Liu	Crawford, 40:
Cards to the Sky Presented by Tim Muth and Dr. Chris Sonnenberg	Crawford, 220	SNAP Circuits E Presented by Dr. Juan Avendano	Crawford, 220
Criminal Motivation: So You Think You Want To Be a Profiler? Presented by Dr. Julie Costopoulos	Crawford, 401	Amazon Prime's "The College Tour" + Q&A Presented by Florida Tech President's Ambassadors	Crawford, 112
How to Use a Computer to Acquire Data Presented by Dr. Jim Brenner	Crawford, 111	Drone Zone Presented by Dr. Vivek Sharma (with Drone Club)	Skurla, 110
Teach a Robot to Swim—Ocean Robotics Presented by Dr. Stephen Wood	Crawford, 212	Plane and Simple Fun Presented by Dr. Brooke Wheeler	Skurla, 116
Computer Science Inside Out Presented by Dr. Philip Chan	Crawford, 230	2 P.M. SESSIONS (2-2:40 p.m.)	
Amazon Prime's "The College Tour" + Q&A Presented by Florida Tech President's Ambassadors	Crawford, 112	How to Use a Computer to Acquire Data H Presented by Dr. Jim Brenner	Crawford, 111
Drone Zone Presented by Dr. Vivek Sharma (with Drone Club)	Skurla, 110	Groundbreaking Discovery Soil Tested in a Minute H Presented by Dr. Paul Cosentino	Crawford Green
Plane and Simple Fun	Skurla, 116	Fluid Mechanics of Tomato Ketchup M Presented by Dr. Darshan Pahinkar	Crawford, 210
Presented by Dr. Brooke Wheeler NOON SESSIONS (Noon–12:40 p.m.)		The Magic of Chemistry E Presented by Dr. Nasri Nesnas	Crawford, 212
		SNAP Circuits E Presented by Dr. Juan Avendano	Crawford, 220
Admissions Presentation H Presented by Florida Tech Admissions	Evans Library, P133	Taste and See E	Crawford,
What the Tech! The Psychological Science of Human-Al Teams Presented by Dr. Jessica Wildman	Crawford, 403	Presented by Dr. Chris Bashur & Dr. Stephen Smith Amazon Prime's "The College Tour" + Q&A Presented by Florida Tech President's Ambassadors	403 & 404 Crawford, 112
How to Use a Computer to Acquire Data Presented by Dr. Jim Brenner	Crawford, 111	Drone Zone Presented by Dr. Vivek Sharma (with Drone Club)	Skurla, 110
Hands-On Aquaculture Presented by Dr. Ralph Turingan	Crawford, 220	Plane and Simple Fun Presented by Dr. Brooke Wheeler	Skurla, 116
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