

# LaSPACE Fall 2024 Annual Meeting Agenda

Annual Meeting of the NASA Space Grant & EPSCoR Programs in Louisiana  
Southeastern University of Louisiana, Student Union Ballroom, Hammond, LA

## FRIDAY, OCTOBER 4, 2024

8:30 am Check-In Desk Opens - Coffee & Networking

Formal Meeting Session Opens at 9:30 am

9:30 AM	LaSPACE Affiliate Rep Welcome + Buiding Logistics & Layout	Gerard Blanchard	Southeastern
9:40 AM	Campus Welcome	Dan McCarthy	Southeastern
9:45 AM	LaSPACE Welcome & Review of the Agenda	Colleen H. Fava	LaSPACE/LSU
10:00 AM	Autonomous Systems Lab at Stennis Space Center	Mitch Krell	NASA Stennis
10:30 AM	Creating Connections: NASA Stennis	Louis Thompson	NASA Stennis
11:00 AM	LaSPACE Program Content	Colleen H. Fava	LaSPACE/LSU

12:00 - 1:00 PM LUNCH (Ballroom)

Faculty Research Showcase

1:10 PM	Additively Manufactured Thermoplastic Foams Modeling and targeting genomic instability of prostate cancer to evaluate & manage risks to astronaut health during deep space travel	Mohammed Ahmed (REA)	Southeastern
1:35 PM	Physics of Tunneling in Space and on Earth	Erika Reece (RAP)	LSU Health-S
2:00 PM	Understanding the acoustic properties of Venus's deep atmosphere	Denys Bondar (RAP)	Tulane
2:25 PM		Andi Petculescu (R3)	ULL

Program Review Session

3:00 PM	Remarks from the President of Southeastern Louisiana University	William S. Wainwright	Southeastern
3:10 PM	LaSPACE Program Content	Colleen H. Fava	LaSPACE/LSU
4:00 PM	Open Mic Discussion	All	All

4:30 PM ADJOURN

## SATURDAY, OCTOBER 5, 2024

8:00 AM Check-In Desk Opens - Coffee & Networking

Opening Session

9:00 AM	Welcome Day 2 / Friday Recap / Open Mic Discussion	Colleen H. Fava	LaSPACE/LSU
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Student Showcase - Research

9:20 AM	Reflections on the LA NASA EPSCoR RID: FF+SURF Pilot Program Spark Plasma Heat Treatment of Ti-6Al-4V Alloy Made by Laser Powder Bed	Congyuan Zeng	Southern
9:40 AM	Fusion Additive Manufacturing (REA grad student) Female Astronaut Health: Using animal models to reconsider sex differences in musculoskeletal health	Edem Honu	Southern
10:00 AM	Graduate Interjurisdictional Research Award Fellowship: A Coastal Sciences Research Collaboration between LA and NC	Heather Alloway	LSU
10:30 AM		Lydia Dipaola	UNO

Student Showcase - Flight Projects

10:50 AM	LaSPACE Student Flight Trajectory	Caroline Davis	LSU
11:10 AM	ROOMIE's space adventure: Undergraduate space exploration with RockSat	Gerard Blanchard	Southeastern

Student Showcase - NASA Internships

11:30 AM	My NASA Journey: Eclipse to ASL	Cullen McKinley	UNO
12:00 PM	Closing Remarks	Colleen H. Fava	LaSPACE/LSU

12:00 PM - 2:00 PM: LUNCH & STUDENT POSTER SESSION

2:00 PM ADJOURN



LaSPACE Meeting Materials  
<https://laspace.lsu.edu/laspace-meetings/>



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