

**Thursday March 21, 2024**  
**Saint Louis University**  
**1 North Grand Boulevard, Saint Louis MO, 63103,**  
**Second Floor Busch Student Center room 254**



**SRIKANTH  
GURURAJAN**

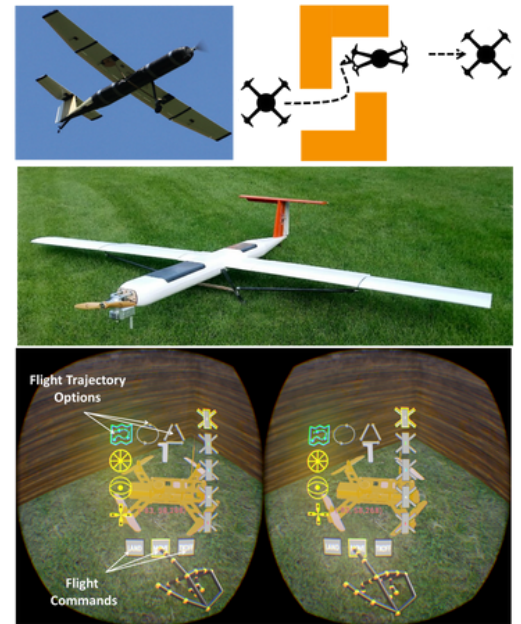
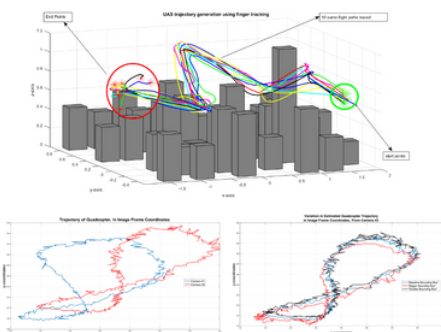
Saint Louis University



**AirCRAFT Lab**  
*The Future is Fixed Wing*

Dr. Gururajan's research is in Unmanned Aerial Systems (UAS) or Drones. In his lab (AirCRAFT Lab) his research focuses on ensuring the safety of the drones in flight, especially under failure conditions, by incorporating artificial intelligence and machine learning techniques. The capabilities in AirCRAFT Lab includes the design, fabrication, instrumentation and flight test evaluation of flight control algorithms on various UAS platforms, including fixed wing and multirotors. Current work in his lab also extends to exploring morphing geometry multirotors and the application of Virtual Reality, natural interaction (voice and gestures) to command and control of drones, as well as using drones for K-12 STEM education and outreach.

Dr. Gururajan is an Associate Professor in the Department of Aerospace and Mechanical Engineering at Saint Louis University. He teaches classes on Automatic controls as well as Aircraft Flight Dynamics and Control.



## Schedule

5:00 - 5:45 - Sign-in/Social  
5:45 - 6:30 - Buffet Dinner  
6:30 - 7:30 - Presentation/Q&A  
7:30 - 8:30 - Networking

## Menu

Pork Loin  
garden Salad, Broccoli, Mashed  
Potatoes, Brussels Sprout Slaw,  
Bread Pudding  
water/tea/softdrinks

## Price

\$20 Members, Members Guests  
\$15 Educator Associates  
\$10 Student Members  
\$25 Non-Members  
\$15 Student, Non-Members

Register on JotForm by Monday, Mar 18 at Noon



<https://form.jotform.com/240637107690153>

**Raffle Prize:  
Quad-Rotor  
Drone!**



Parking available in Laclede  
Garage and Olive Compton garage

## Contacts:

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