

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

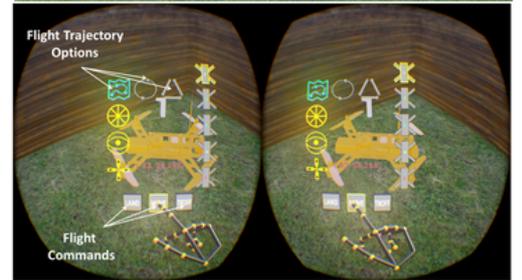
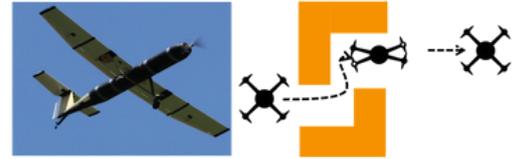


**SRIKANTH
GURURAJAN**
Saint Louis University

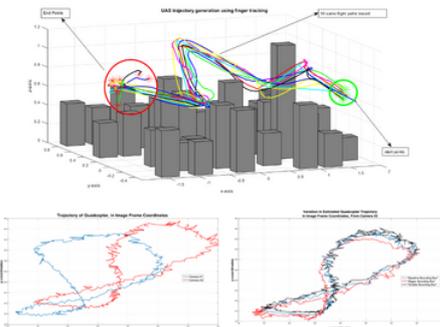


AirCRAFT Lab
The Future is Fixed Wing

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:
Derrick Brown (derrick.t.brown@boeing.com)
Brad Osborne (bradley.a.osborne@boeing.com)
James Kramer (james.kramer@slu.edu)