



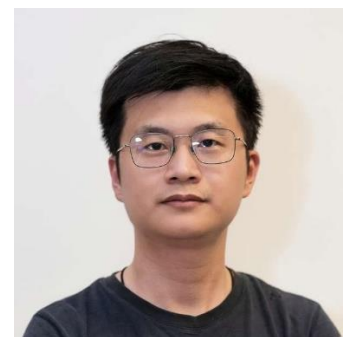
# FSC Newsletter (Spring 2023)

This spring, we attended several conferences and welcomed a familiar face to the lab!

**Hugh Liu** and **Helson Go** attended AIAA SciTech in Orlando, FL, USA in January. Helson demonstrated his recent works on data-driven control of a quadrotor slung load transport system.



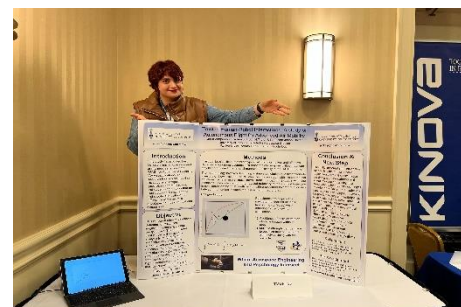
In April, **Longhao Qian**, a senior FSC member, came back from industry to commence his post-doctoral journey in FSC. He will focus on artificial intelligence (AI) aided nonlinear robust control applicable to urban aerial mobility. Drawing from his extensive two-year experience in the industry, he conducted a comprehensive one-month CMake tutorial lecture for all the lab members. Welcome back, Longhao!



In May, an innovative working environment was introduced at the FSC, providing researchers with a unique opportunity to conduct their work in a garden setting.

Thanks to our new office manager **Darya Zanjnypour** for making our office much more comfortable to work in!

**Darya Zanjnypour** also attended the Ontario Aerospace Council R&T 2023 and shared her research on Human-Robot Interaction. Her work focuses on quantifying and developing a model for human's trust in robots during autonomous operations.





**Hugh Liu** and **Pravin Wedage** participated in the American Control Conference (ACC) held in San Diego, CA, USA, in late May. During the conference, they presented our recent progress in the fields of fixed-wing harrier maneuver control and multi-drone defense, showcasing our team's representative works in these areas.

Finally, in June we hosted our semester end gathering. After enjoying a delightful meal in the Magical Taste of China, we started our event with a walk through G. Ross Lord Park and an afternoon of outdoor sports. A great summer is about to come!

