

**PhD Position in Aerial Robotics, The Dept. of Electrical and Computer Engineering at the University of Alberta, Canada.**

I am currently seeking talented students interested in performing their PhD in aerial robotics at the Dept. of Electrical and Computer Engineering at the University of Alberta, Canada. The expected start date is September 2019 or as soon as possible. The research topics focus on mobile robotics and on unmanned aerial vehicles in particular. Topics include aerial manipulation, payload transport, visual servoing, visionbased navigation, state estimation, visual odometry, visual-inertial odometry, multi-vehicle system coordination, novel actuation, aerodynamic modelling, and nonlinear control and observer design.

Desired student profile: The candidate should be motivated to work and have a strong background and/or interest in modelling, control, robotics, unmanned aerial systems, mathematics, control theory, physics, C/C++ programming, ROS, embedded systems, field testing, Linux. Successful candidates should have good communication and project management skills. Conference and journal publications are desirable. Please note the requirement for admission to the Dept of ECE at U of Alberta should be met:

<https://www.ualberta.ca/electrical-computer-engineering/graduate-studies/how-to-apply>

Application procedure: Please send as soon as possible: (1) a CV, (2) transcripts of previous university degrees, (3) representative publications, and (4) the contact information of three individuals who can serve as references. You will be contacted for an interview if your application is selected. Please send your application material by email to Prof. Alan Lynch [alan.lynch@ualberta.ca](mailto:alan.lynch@ualberta.ca)

Alan Lynch, Professor

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<https://www.ualberta.ca/engineering/research/groups/applied-nonlinear-controls-lab>