

PhD Studentships in Bio-Inspired Aerial Robotics

Applications are invited for **two fully funded PhD studentship positions** within the Aerial Robotics Laboratory at Imperial College London <http://www.imperial.ac.uk/aerial-robotics>. The project will investigate (1) machine learning approaches for a novel class of biologically inspired aerial robots with changing body morphologies and (2) novel mechatronic solutions for mobile robots that are capable to move in various terrains using multi-modal locomotion modules.

The successful candidate will directly benefit from outstanding facilities in Aerial Robotics manufacturing and testing, including a new Vicon equipped multi-terrain flight arena, 17 wind/water tunnels and the rapid prototyping and composite fabrication centre at the Aeronautics Department. The work location will be the central London South Kensington campus next to Hyde Park offering an excellent ecosystem for furtherance of the project, start-up creation and for personal development in a variety of areas.

Applicants should have a MSc/MEng (or equivalent) in Engineering or a related discipline. Applicants must have a strong academic record in Computer Science, Mechanical or Control Engineering preferably with relevant experience in UAV control, mechatronics integration and machine learning.

“Funding is available for UK citizens and EU citizens who have resided in the UK for the past three years. The studentship is for 3.5 years starting as soon as possible and will provide full coverage of tuition fees and an annual tax-free stipend of approximately £16,296.”

Applications will be assessed as received and all applicants should follow the standard College application procedure (<http://www3.imperial.ac.uk/pgprospectus/howtoapply>).

Informal enquiries and requests for additional information for this post can be made to: Dr Mirko Kovac via email: m.kovac@imperial.ac.uk.

To apply, please go to <http://www.imperial.ac.uk/study/pg/apply/how-to-apply/>, in addition to the application online also email your CV, motivation letter, relevant project work and grade transcripts as a single file to m.kovac@imperial.ac.uk with “PhD application Bio-Inspired Aerial Robotics” as the subject line of the email.

Any queries regarding the application process should be directed to **Ms. Lisa Kelly** by email at l.kelly@imperial.ac.uk.

Closing date for applications: 28.5.2017, interviews will be held on the 7.6.2017.

Start Date: As soon as possible

Committed to equality and valuing diversity. We are also an Athena Bronze SWAN Award winner, a Stonewall Diversity Champion and a Two Ticks Employer.