

Multiple research positions at the University Twente on Physical Co-Working Aerial Robots (One Post-Doc on aerial robotics, one PhD student on aerial robotics and one Mechatronic engineer on aerial robotics), The University of Twente, The Netherlands.

I am currently looking for excellent candidates for the following three research positions:

- one Post-Doc on aerial robotics
- one PhD student on aerial robotics
- one Mechatronic engineer on aerial robotics

The positions are all linked to the following subjects:

1) Morphing Omnidirectional Physical Aerial Vehicles.

Design, develop, and build a novel class of morphing omnidirectional physical aerial vehicles that are able to optimally operate in physical co-working with humans and encompass the following three main characteristics 1) physical safety, 2) energy efficiency, and 3) human ergonomony.

2) Physical and Cognitive Interaction in Human-Aerial Co-Workers

Theoretical development and field demonstration of estimation, control, planning and learning methods for physical aerial co-working robots capable of safe and ergonomic physical interaction in a human/aerial-robot physical cooperative scenario.

HOW TO APPLY

Interested candidates can apply using the following online form:

<http://homepages.laas.fr/afranchi/robotics/applications>

BENEFITS

The positions are fully funded according to the Dutch national laws. You will get access to excellent research facilities of the Robotics and Mechatronics lab of the University of Twente (among which outdoor and indoor flying arenas, an aeronautic test field, electronic and machine workshops, and many other top-level facilities).

YOUR SKILLS:

A passion for robotics, mathematics, programming and abstract thinking
Excellent written and spoken English skills

For Postdocs: a PhD degree in computer engineering, computer science, robotics, aeronautics, or related fields. An excellent track record (publications in high-impact-factor conferences and journals)

For PhD candidates: a Master degree in computer engineering/science, mechanical/aeronautical/electrical engineering, robotics, physics, or related fields,

For Mechatronic Engineers: a Master degree in electrical/mechanical/mechatronics engineering, or related fields.

Contact:

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<https://homepages.laas.fr/afranchi/robotics/>

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