

## LAI – Integrated Actuators Laboratory

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## Post-Doc position in Microengineering

The **Integrated Actuators Laboratory** is a multidisciplinary research group in the field of design, modelling, optimization and fabrication of electromechanical and biomedical devices. Professor Yves Perriard, who is a professor at EPFL with an expertise in electric drives, motors and complex system optimizations, heads the laboratory.

### Job description:

The candidate will work in close collaboration with doctoral students in the development of different sorts of innovative actuators. He (or she) will be in charge of the supervision of existing projects and especially of a PhD student working on an advanced medical shoe sole. He (or she) will also participate in the writing of grant proposals. Multidisciplinary technical competences, excellent reporting and grant writing skills as well as flexibility are key requirements for the candidate. The work also includes teaching activities to Bachelor and Master students.

### Expertise required:

PhD in Microengineering, mechanics, electrical engineering or related field.  
Experience in writing funding applications is an asset.  
Knowledge on electromagnetism, electrical modelling, and fluidics and mechanics.  
Experience in prototyping would be an asset.  
Excellent organization skills and ability to handle multiple tasks.  
Excellent verbal and written communications skills in English. Other languages are a plus.

### Contract details:

- 1 year, renewable 3 times (in total 4 years maximum).
- Start date: July 1<sup>st</sup>, 2019 or to be determined.
- Competitive salary in accordance to level of expertise.
- Work location: EPFL Microcity Neuchâtel, Switzerland.

Candidates should send their CV, letter of motivation and summary of their previous projects to [paolo.germano@epfl.ch](mailto:paolo.germano@epfl.ch) .

Further information about the laboratory is available at the website: <http://lai.epfl.ch> .