The Patek Philippe Chair in Micromechanical and Horological Design (Instant-Lab laboratory) is located at Microcity, the Neuchâtel campus of the Ecole Polytechnique Fédérale de Lausanne (EPFL). Created in November 2012, Instant-Lab now has fifteen members. The laboratory's speciality is the creation of new mechanisms featuring kinematic and technological innovation at the centimetre scale. Fields of application include mechanical watchmaking, biomedical instrumentation, robotics and aerospace. The scientific approach relies on the application of classical mechanics. In order to consolidate our team, we are seeking a dynamic and enthusiastic candidate.

Post-Doc Position in Micromechanical Design

Your mission

The laboratory is seeking post-doctoral candidates to bring scientific, engineering and creative skills to this program. Emphasis will be given on fundamental scientific questions as well as their engineering applications, so candidates should be prepared to tackle conceptual as well as technical challenges.

Your qualifications

A strong theoretical background in mechanics will be required as well as practical experience in the design, realization and testing of physical models. Partnership with industry is foreseen. Candidates should have a Ph.D. degree in Microengineering, Mechanical Engineering or Physics.

Start date:

To be determined

Please send applications, including a letter of motivation, a curriculum vitae and publications to: lysiane.bourquin@epfl.ch.