



CALL FOR ADMISSION

PhD in Mechanical Engineering

PhD course in Industrial and Information Engineering

The Polytechnic Department of Engineering and Architecture, University of Udine (Italy)

Theme: "Design for linear and non-linear vibration management in professional appliances for laundry systems"

The Research Hub by Electrolux Professional offers a 3-year scholarship for a doctoral student placement in Electrolux Professional's Global R&D. At our facilities in Pordenone in northern Italy and in Ljungby in southern Sweden, we have created an attractive research environment for PhD students who want to be part of an international company and be directly involved in the product development process, in particular the innovation generation phase, both incremental and disruptive.

The research will focus on the physics of vibration isolation with linear/non linear passive and semi-active and active systems and will be applied on professional laundry equipment. Through both formal training at the Udine University and research training at the company facilities, the student will develop skills in Digital Twin modelling, DOE methodologies and advanced development techniques. The student will have the possibility to develop soft-skills such as practical problem solving skills, the ability to work within a matrix organization, good communication skills and the team orientation.

POSITION REQUIREMENTS:

- Knowledge in Mechanical Engineering
- Open-minded
- Creative & Proactive
- A performance driven approach
- Enthusiasm
- Willing to travel

Required languages:

- English

Location:

Electrolux Professional, Advanced Development & Technologies Department, Italy & the Laboratories of the Polytechnic Department of Engineering and Architecture at the University of Udine, Italy.

Reimbursement: ca 1300€/month (tax free) + lunch and travels

About the company:

Electrolux Professional is a global leader in the production and distribution of professional food service and laundry solutions. We are looking for innovative, open-minded, optimistic people with a "can-do" attitude who can translate a thoughtful vision into action. If you believe these qualities apply to you, we encourage you to find out more on our website:

Theresearchhub.electrolux.com/phd