

The Interdisciplinary Research Center for Smart Mobility & Logistics is offering Postdoctoral fellowships:

Postdoc in Green Hydrogen Mobility

The candidate will work in the newly established green hydrogen mobility laboratory. The candidate must have a PhD in electrical or chemical engineering, with hands-on experience in green hydrogen technologies, including proton exchange membrane water electrolyzers and fuel cells. Additional skills include:

Expertise in power electronics, electrical machines, and controls

Skills in working with (at least one of) the following platforms: Matlab/Simulink, Python, LabView

Good oral and written communication skills

Track record for producing high quality research

Postdoc in Quality Engineering

The candidate will work in the newly established Quality Engineering Group under Interdisciplinary Research Center for Smart Mobility & Logistics. The candidate must have a PhD in Data Science, Statistics, Industrial and Systems Engineering or a related field with hands-on experience in Statistical Quality Control. Additional skills include:

- Computational skills in working with (at least one of) the platforms: R-language, Matlab, and Python
- Good oral and written communication skills
- Track record for producing high-quality research

Postdoc in Electronics and Microelectronics Circuits and Systems

Candidate should have an excellent background in electronics and microelectronics systems design, simulation, layout, and post layout simulation using CADENCE and have already designed and tested many ICs .

Candidate should have an excellent experience the design of low voltage and low power voltage-mode, current-mode and time-mode circuits. Preferable if he/she has worked on time mode circuits (voltage to time converters, time to digital converters), rectifiers for energy harvesting, MOS design in subthreshold mode).