



PhD candidate / Research assistant in transfer learning

100 % / Limited for 3 years / Biel / Start according to agreement

To start with, here are some of our strong points

- An almost unbelievably large variety of themes and topics and a great mix of research and teaching.
- Great freedom in work organisation with lots of leeway for your ideas, your creativity and decisiveness.
- Responsibility in hugely exciting projects for the future attracting attention beyond the professional world.
- Working with smart people of different professional backgrounds who want, like you, to do things and make a difference.
- Plenty of contact with people from all over Switzerland and the world at large.

What you'll be doing here

- You are developing transfer learning and domain adaptation algorithms to enhance the reliability of power system assets
- The project goal is to develop predictive maintenance algorithms that improve the reliability of fleets of industrial assets
- Our group offers a stimulating interdisciplinary research environment and a strong network with industry partners
- The position is part of the Swiss National Science Foundation project "Artificial intelligence for improving the reliability and resilience of industrial fleets"

What you'll bring with you

- MSc in computer science, engineering, applied mathematics, physics, or a related field
- Strong experience in deep learning, transfer learning and domain adaptation, learning theory
- Ideally, you are familiar with power system infrastructure for power generation and storage
- You are self-driven and you have a strong publication record
- Your application should include a CV, publications (if any), a research statement explaining your project idea and previous work, contact details of 2 referees

School of Engineering and Computer Science

In the School of Engineering and Computer Science we don't move with the times, mostly we are a bit ahead of them! We find it fascinating what benefits technology can have in people's everyday lives. We gain knowledge through research and joint projects with industry and business. This exchange brings about cutting-edge insights that we continually share with students.

I'll be your guide through the application procedure

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For job-specific queries

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