We are Hiring at the Chair of Fundamentals of Electrical Engineering!

Explainable Artificial Intelligence (XAI) is the science of understanding why a decision was made by an Artificial Intelligence System. Our research group works on applied research of various XAI sub-fields. For this project, we deal with special video data that trains mostly RNN-based models that are then evolved for XAI work.

We are looking for someone to help with preparing data variation sets, running data subsets with provided deep learning models, and recording the results. This position is planned for 4 hours a week for 3 months (July to September).

Required Qualifications:
- Beginner to intermediate level knowledge of deep learning models.
- Beginner to intermediate level Python coding skills.
- Beginner-level MS-Excel expertise.
- Good reporting skills.
- Active communication.
- Attention to detail.
- (Basic practical knowledge about HPC is a plus.)

During the duration of the project, you will spend time on a variety of tasks.
The following are examples of tasks that you may need to do:

- Determine the average statistics of the data.
- Create subsets of the dataset.
- Deploy pre-made deep learning models to train on self-created data subsets.
- Result record keeping.

To apply, please send your resume to the following email address:
haadia.amjad@tu-dresden.de

CC: ronald.tetzlaff@tu-dresden.de

Application Deadline: 14th May, 2025