HIWI - Student project

Literature Research:

Graph Neural Networks for the Power Grid

Join our research group „Data-driven Analysis of Complex Systems“ to support us in the literature research for a review paper on the utilization of graph neural networks in power grid applications.

Tasks:
• assist in conducting a systematic and structured literature search to identify relevant research papers
• organize and maintain a database of the relevant literature, including categorization

Requirements:
• enrolled in computer science or similar
• strong interest in machine learning, particularly Graph Neural Networks
• ideally some familiarity with power grid dynamics or the energy system

We are flexible regarding the selection of your weekly working hours.
If you are interested please contact:
• Sebastian Pütz sebastian.puetz@kit.edu Phone: 0721 608 23838
• TT-Prof. Dr. Benjamin Schäfer benjamin.schaefer@kit.edu