



Background

Within the [SenseLab](#) research cluster, we are currently looking for a student to add to our team. SenseLab is a research cluster that conducts a variety of thermal comfort data collections from real and test environments as well as human subjects. With that in mind, every experiment produces an abundance of data concerning 1. Climate (temperature, humidity, CO₂, light levels, etc.), 2. Biosignals (Skin, heart, and brain-related data), 3. Behavior (Opening the windows, changing clothing, leaving the lab to take a break, etc.) or 4. Perception (Personal feedback) or all the above.

Task and Qualification

We are looking for someone to help with three projects. In the first project, we are designing and deploying sensor kits in trains to monitor the spatial and temporal differences in highly dynamic environments as well as conducting automated questionnaires. The second project is the construction of a shading architecture in Neuperlach as part of the New European Bauhaus project [Public Power](#), as well as the deployment of a weather station and the monitoring of the microclimate underneath, to understand the effect of shading on the microclimate in the public realm. The third project is the design and construction of a smaller mobile version of the current [SenseLab](#) for a potential traveling exhibition in late 2024 and 2025.

The task at hand for our new team member with the first two projects will be to help in the prototyping, building, and deployment of the sensor kits as well as conducting regular on-site measurements in various locations. The work in the third project will especially concern the design aspects of SenseLab 2.0 and the curating of the exhibition.

Good to know

We are primarily looking for an architect but are open to an engineering background as well. We are flexible in the hours we can offer you (between 5-20 h/week) as well as which weekdays you want to work. Remote work will not be possible. We are a multi-lingual team, fluent in English, German, and Turkish. We also have a strong commitment to building an inclusive workplace and encourage a full range of diverse and talented candidates to apply for the position.

Supervision

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