



Contribution ID: 137

Type: **Poster**

## **Diving into Quantum Physics: Challenging the Constraints of Knowledge Transfer Through Engaging School Lab Units**

*Wednesday 28 August 2024 11:30 (10 minutes)*

The following contribution is part of the outreach project of the Transregional Collaborative Research Center (TRR360) that revolves around Constrained Quantum Matter (ConQuMat). To shed light on quantum physics and inspire curiosity among young minds we create three interactive and engaging school lab units bridging the gap between school physics knowledge and high-end quantum matter research. With our first School Lab Unit conducted in the DLR\_School\_Lab at the University of Augsburg we aim to broaden the students understanding of magnetism. The unit-structure and our evaluation priorities are outlined. First results will be added for our poster presentation at the conference.

### **How would you like to present your contribution?**

Live in Kraków (time slot to be allotted based on the programme)

### **Target education level**

Secondary

### **Category**

Non-formal Education

**Author:** SCHLEICHER, Manuel

**Co-authors:** THURNER-IRMLER, Julia; Dr MENNER, Marietta; KREY, Olaf

**Presenter:** SCHLEICHER, Manuel

**Session Classification:** Poster session

**Track Classification:** Outreach of Physics