

SFB-graduate school exchange program with the CUA

Overview:

The SFB Transregio 21 „Control of quantum correlations in tailored matter“ has established a partnership with the Center for Ultracold Atoms (MIT/Harvard, Boston). As part of its graduate school it offers an exchange program for students of both centers. Within this program, we invite PhD students from both the CUA and the SFB to spend 1-2 months as visiting students in the participating research groups. In particular, within this program, we fund:

- **Visiting SFB-students at the CUA:** Travel & Housing costs for 1-2 months
- **Visiting CUA-students in SFB research groups:**
Travel & Housing costs for 1-2 months, monthly extra payment up to 1.000 € (dependant on number of participants), free participation in the SFB graduate summer school.

Background:

The „Sonderforschungsbereich TRR 21 CoCoMat“ is a joint effort by AMO and solid state research groups at the Universities of Stuttgart, Ulm & Tuebingen as well as the Max-Planck-Institute for solid state research (Stuttgart). Participating groups include for example the Wrachtrup and Pfau experimental groups in Stuttgart and the Schleich theory group in Ulm. The goal of this joint research center is to unify the common physics arising in mesoscopic systems, such as quantum dots and diamond NV centers, and quantum gases to improve our understanding of quantum matter and exploit these abilities to discover new phenomena.

More information and a list of all participating groups can be found at:

<http://www.physik.uni-stuttgart.de/TR21/en/index.php>

Contact information:

Interested students should either directly contact the research group they want to visit or send their application to the SFB administration. Applications will be judged and by the SFB steering committee.

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