

CUI Young Researchers Workshop “From few- to many-body physics in cold atomic quantum matter”

Center for Optical Quantum Technologies, University of Hamburg

June 27 - 29, 2016

The workshop aims at bringing together early career investigators (PhDs and early postdocs) to share their recent scientific findings and thereby provide an inspiring frame for bridging the gaps from few- to many-body quantum systems. The topics will range from the deep quantum many-body regime (e.g. superfluidity in Bose-Einstein condensates) via intermediate regimes as impurity systems to pure few-body quantum systems (e.g. ultralong-range Rydberg molecules). Much space for discussions and an open atmosphere should enable the participants to have a strong exchange of ideas in order to interlink their works and methods.

The workshop language will be English. Please, note that the total number of participants is limited. The organizers invite PhD students, postdoctoral researchers to apply and to contribute to the poster session. If you are interested in participating in this workshop please send an email to the organizers (see below) stating your interest. The workshop will be held in the seminar room (ground floor) of the Center for Optical Quantum Technology.

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Organization:

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