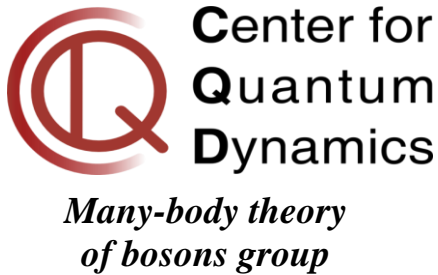


# ЛАБОРАТОРИЯ ИНФОРМАЦИОННЫХ ТЕХНОЛОГИЙ

Вторник, 28 апреля 2015 года в 11:00  
Ком. 310



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## Quantum Dynamics with a mouse-click-interface – MCTDHB-Laboratory

We would like to announce and present MCTDHB-Lab package – solver of the many-boson Time-Dependent Schrödinger Equation. MCTDHB-Lab is available as a FREE-for-download, cross-platform software with a mouse-click interface. Feel free to download and use it to study quantum dynamics at full many-body level. It is equally easy to install MCTDHB-Lab on Windows, Linux and Mac OS systems, see detailed instructions, e.g. YouTube movies on

<http://QDlab.org>

To facilitate your experience we have provided several templates which will allow you to reproduce previously published many-body statics and dynamics ([PRA 86 063606 \(2012\)](#) & [PRL 106 240401 \(2011\)](#)). We hope this will quickly put you on the path to your own discoveries in the fascinating field of many-body quantum dynamics.

