

**Seminar: Quantum Matter, WiSe 2009/2010**

<b>Nr.</b>	<b>Date</b>	<b>Student</b>	<b>Topic</b>	<b>Tutor</b>
1	11.11.09	Lorenz Huber	Aharonov-Bohm Interferometer with Quantum Dot	Andreas Weichselbaum
2	18.11.09	Benedikt Bruognolo	QIP: Quantum Error Correction	Alexandre Faribault
3	25.11.09	Lukas Lendner	QIP: Shor algorithm	Arne Alex
4	02.12.09	Dominik Metzler	Superconductivity: BCS-Theory - Variational approach	Max Ludwig
5	09.12.09	Simon Lanzmich	Dissipation: Caldeira Leggett Model	Cheng Guo
6	16.12.09	Maxim Greiner	Solid State Qubits: Garching papers	Stefan Kessler
7	13.01.10	Jonas Denk	Quantum Nanomechanics – Weig papers	Georg Heinrich
8	20.01.10	Ulrich Lichnovky	Cold Atoms – Bloch papers	Alexander Hoffmann
9	27.01.10	Andreas Hösl	Numerics: time-dependent DMRG – Schollwöck papers	Andreas Holzner
10	03.02.10	Stefan Frick	Bell Inequalities – Weinfurter papers	Clemens Neuenhahn
11	10.02.10	Jun Tarumi	Optical Manipulation of Single Spins – Högele papers	Björn Kubala

**Tutor**