

ICRC Workshop, 12-13 of October 2017
Ioffe Institute, St.-Petersburg, Russia

Preliminary program and list of talks

| Thursday, 12th of October | | |
|---|--|---|
| 14h30 - 16h10 | Overview of A1, A2, A3, A5, A6 | |
| A1 | V. Belykh | Extended pump-probe Faraday rotation spectroscopy of the electron spin dynamics in InGaAs quantum dot |
| | M. Bayer | Studies of Cu ₂ O : current results and future plans |
| A2 | E. Zhukov | |
| A3 | S. Poltavtsev I. Akimov | |
| A5 | D. Smirnov | Spin noise spectroscopy of quantum dot ensembles |
| A6 | K. Kavokin | Understanding the nuclear spin bath impact on spin coherence |
| 16h10 - 16h30 | Break | |
| 16h30 - 18h10 | Overview of A4&A7, B1, B2, B3, B4 | |
| A4&A7 | M. Glazov | Progress in theoretical studies of electron and nuclear spintronics within ICRC |
| | N. Froehling | Theory of spin-noise in semiconductor quantum dots |
| | N. Jaeschke | Coherent control of the electronic and nuclear spins in QD ensembles |
| B1 | F. Passmann | |
| B2 | J. Debus | Spin-flip Raman scattering for studying spin interactions |
| B3 | S. Anghel (?) | |
| B4 | D. Yakovlev | Spin-spin interactions of carriers and magnetic ions |
| Friday, 13th of October | | |
| 9h30 - 11h10 | Overview of B6, B7, C1, C2, C3 | |
| B6 | A. Scherbakov | |
| B7 | A. Kavokin | |
| | M. Aßmann | |
| C1 | S. Ivanov | Heterovalent magnetic semiconductor structures |
| C2 | I. Akimov | |
| | V. Korenev | |
| C3 | I. Akimov | |
| | D. Eurov | |
| 11h10 - 11h30 | Break | |
| 11h30 - 13h10 | Overview of C5, C6, C7, C8 | |
| C5 | I. Akimov (?) | |

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| C6 | M. Bayer | |
| C7 | N. Romanov | Development of high-frequency EPR/ODMR technique and its application for a study of crystals and nanostructures |
| C8 | W. Warkentin A. Rodina (?) | Spin-induced optical harmonic generation in semiconductors |
| 13h10 - 15h00 | Lunch | |
| 15h00 - | Discussions | |