

International Workshop
Rydberg excitons in semiconductors
25-26 of May 2017, Ioffe Institute,
St.-Petersburg, Russia

Scientific program
Preliminary location room 602 Microelectronics
Комната 602 корп. МЭ

Thursday, May 25th

15 ⁰⁰ -15 ⁴⁵	Arrival of participants. Coffee and tea
15 ⁴⁵ -16 ⁰⁰	Opening remarks (Bayer, Scheel)
16 ⁰⁰ -17 ⁰⁰	Alexander Kaplyanskii, Ruben Seisyan (Ioffe Institute, Russia) Earlier excitons in cuprous oxide crystals
17 ⁰⁰ -19 ⁰⁰	Welcome drinks

Friday, May 26th

10 ⁰⁰ -11 ⁰⁰	Frank Schweiner, Jörg Main (Stuttgart, Germany) Theory of Excitons in Cuprous Oxide
11 ⁰⁰ -12 ⁰⁰	Stefan Scheel (Rostock, Germany) Interacting Rydberg excitons
12 ⁰⁰ -13 ⁰⁰	Marina Semina, Mikhail Glazov (St. Petersburg, Russia) Scaling laws of Rydberg excitons in Cu₂O
13 ⁰⁰ -14 ⁰⁰	Lunch
14 ⁰⁰ -15 ⁰⁰	Matthew Jones (Durham) Towards Rydberg quantum optics with excitons
15 ⁰⁰ -15 ³⁰	Julian Heckötter, Manfred Bayer (Dortmund, Germany) High resolution spectroscopy on Rydberg excitons
15 ⁰⁰ -15 ³⁰	Marc Aßmann, Manfred Bayer (Dortmund, Germany) Quantum chaos with Rydberg excitons
16 ⁰⁰ -17 ⁰⁰	Thomas Pohl (Dresden, Germany) Quantum Nonlinear Optics with Rydberg atoms and Rydberg excitons
17 ⁰⁰ -18 ⁰⁰	Discussions

On Friday coffee, tea and biscuits will be served during the workshop

Organizers:

M. Bayer (TU-Dortmund, Germany), S. Scheel (Rostock University, Germany)
M.A. Semina, M.M. Glazov (Ioffe Institute, Russia),

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