

SFB 1083 Winter School 2017 - Final Report



Marburg, January 24th, 2017

From January 17th to 18th, SFB 1083 held its Winter School 2017 at Castle Rauischholzhausen near Marburg. The school's 52 participants brought together PhD students, Master students and young postdocs of SFB 1083 with five invited speakers from Germany and abroad.

After a welcome address and information on SFB 1083 by Ulrich Höfer, speaker of the collaborative research center, and a program overview provided by the events' organizers, Malte Zugermeier and Marcel Reutzel, the first of eight sessions could begin.

The program included tutorial and scientific talks by the invited speakers in the mornings, namely Alexey Chernikov (University of Regensburg), Christian Papp (Friedrich-Alexander University Erlangen-Nürnberg), Ellen Backus (Max Planck Institute for Polymer Research, Mainz), Katrin Siefermann (Leibniz Institute of Surface Modification, Leipzig) and Matteo Gatti (Ecole Polytechnique, Palaiseau, France). In addition, the work of every SFB project was presented by its PhD students.

The tutorial talks by the invited speakers covered an introduction into methods and research in interface and surface science. The PhD students were introduced into "Exciton physics of semiconducting 2D materials", "In-situ studies of the reactivity of Pt model catalysts: From flat surfaces to nanoparticles", "Sum-frequency generation spectroscopy", "Ultrafast photoemission electron microscopy in materials science" and "Exciton band structure in 2D materials". The scientific talks focused on the applications of the presented methods or complementary questions. The expertise of the invited speakers helped the PhD students to gain insights into new methods and current research, to deepen and widen their knowledge across disciplinary boundaries to discover other fields of research.



The PhD students reported in 18 talks on their research within projects of SFB 1083. With these talks, the PhD students were able to present their current results to the student community of the SFB and to address the questions of their field of research.

The feedback on the Winter School was very positive. The high quality of talks, the intensive discussion and the range of different topics and types of talks was acknowledged by all participants.

We gratefully thank the DFG for financial support via SFB 1083 "Structure and Dynamics of Internal Interfaces".

Malte Zugermeier, Student Speaker SFB 1083