

Andrij Trokhymchuk, visit to Berlin during November 2013:

On November 11, 2013 I have attended two lectures in the framework of the International Research Training Group 1524 Colloquium (Technische Universität Berlin):

- 1) by Slobodan Zumer (University of Ljubljana) Title: Topological soft matter: from disclination loops to knotted braids in constrained nematics
- 2) by Anupam Sengupta (Massachusetts Institute of Technology) Topological Microfluidics: Present and Prospects

On November 12, 2013 we had round table discussion with Prof. Slobodan Zumer (University of Ljubljana) on the problems of computer modeling of nematic colloidal dispersions.

b) The list of publications that are under preparation (titles, even temporary, authors, when the publication is expected to be ready, etc)

Topological defects around spherical nanoparticle in nematic liquid crystal: Coarse-grained molecular dynamics simulations

Jaroslav M. Ilnytskyi, Andrij Trokhymchuk and Martin Schoen (will be submitted during February-March 2014)