



May 31st 2022
4rd UKRATOP Workshop
„Topological Phenomena in
Quantum Materials“



A1E.10 (Hörsaal IFW) and

<https://zoom.us/j/92970200511?pwd=akRvL0ZCVkxnMkFic2F6NTliM05DQT09>

Meeting ID: 929 7020 0511 Passcode: 375164

Program

- 09:00 *Welcoming words*
J. van den Brink
- 09:10 *Magnetic field-induced effects in curved antiferromagnetic spin-chains*
Y. Borysenko
- 09:30 *Large time and long distance asymptotics of the correlators of the anyonic lattice gas*
E. Naichuk
- 09:50 *Landau levels in graphene in crossed radial electric and magnetic fields*
I. Niyi
- 10:10 *Curvature-induced effects in current driven dynamics of ferromagnetic skyrmions*
O. Zaiets
- 10:30 Coffee break
- 11:00 *Synthesis, Structure and Property Investigations of Low Dimensional Magnetism in Double Perovskite Variants*
A. Smerechuk
- 11:20 *Optical floating zone (OFZ) activity in frame of UKRATOP project*
O. Voloshyna
- 11:40 Lunch break
- 13:00 *Transport measurements in MBE grown FeSe thin films*
I. Romanenko
- 13:20 *Spectroscopic characterization of inorganic-organic semiconductor interfaces*
O. Kurysheva
- 13:40 *ESR spectroscopy on the quasi-two-dimensional van der Waals magnet $(\text{Mn,Ni})\text{P}_2\text{S}_6$*
Y. Senyk
- 14:00 *Project meeting (only for project leaders)*

*for Ukrainian time please add 1h

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