

Online Program of International Advanced Study Conference "Condensed Matter and Low Temperature Physics 2020" (CM & LTP 2020)

Time for webcasts (GMT+3)

Tuesday, 9 June 2020	Wednesday, 10 June 2020	Thursday, 11 June 2020	Friday, 12 June 2020
11:00 - Opening Ceremony Prof. Gennadiy E. Grechnev , <i>ILTPE NASU, Kharkiv, Ukraine</i>	11:00 - Prof. Ivan Marchenko <i>NSC "KhIPT", Kharkiv, Ukraine</i> "Diffusion Enhancement in Solids by External Fields"	11:00 - Dr.hab. Marek Drozd <i>INTiBS PAN, Wrocław, Poland</i> "Vibrational spectroscopy as useful tool in investigation of phase transition and structural research"	10:00 - Dr. Tatevik Chalyan <i>Vrije Univ. Brussel, Belgium</i> "Freeform optics based lab-on- chip for combined Raman spectroscopy and fluorescence microscopy in biochemical analysis"
11:30 - Prof. Yasuhiro Nakazawa <i>Osaka Univ., Toyonaka, Japan</i> "Thermodynamic Studies of Novel Molecular Ferromagnets in Dimer-Mott Charge Transfer Compounds"	11:20 - Discussion (live)	11:40 - Discussion (live)	10:25 "Brussel Photonics at Vrije Univ.: from education to research"
12:10 - Discussion (live)	11:30 - Dr. Vanik Shahnazaryan <i>ITMO, St. Petersburg, Russia</i> "Substrate mediated control of exciton transport in atomically thin materials"	12:00 - Prof. Andrzej Szewczyk <i>IF PAN, Warszawa, Poland</i> "Peculiar magnetic susceptibility and phase transitions in LiNiPO_4 "	11:00 - Discussion (live)
15:00 - Dr. Konstantin Zloshchastiev <i>Durban Univ. of Technology, Durban, South Africa</i> "Induced spacetime and effective gravity in quantum liquids"	11:50 - Discussion (live)	12:45 - Discussion (live)	11:15 - Dr. Tatevik Chalyan SPIE Visiting Lecturer "Successful management of a student chapter"
15:35 - Discussion (live)	15:00 - Prof. Peter Lemmens <i>Univ. Technology Braunschweig, Germany</i> "Fluctuations of Topological Semimetals"	15:00 - Dr.hab. Marina Kosevich <i>ILTPE NASU, Kharkiv, Ukraine</i> "State-of-the-art mass spectrometry for biomedical research and practice"	15:00 - Dr. Slavomír Gabáni <i>IEP SAS, Košice, Slovak Republic</i> "Magnetic anisotropy of frustrated Shastry-Sutherland metallic systems TmB_4 and ErB_4 "
	15:25 - Discussion (live)	15:40 - Discussion (live)	15:15 - Discussion (live)

All **Plenary lectures of Invited speakers** will be held as **Zoom webcasts** according to this program.

Please, check your mail for **Zoom webcast link, login and password**. If you have not received such mail, please [contact the organizers](#).

All who are interested can write the questions in Zoom chat during the lecture or ask orally after the lecture during Discussion (live).

All **Oral and Poster presentations of Regular participants** will be opened for viewing as PDF files during 9-12 June.

Please, check your mail for the link to these files. If you have not received such mail, please [contact the organizers](#).

All who are interested can write the questions as "comments" to the file. We kindly ask the authors to check the presentations for questions and to respond as quickly as possible.