



International Workshop
«Magnetic Phenomena in Micro- and Nano-Structures»
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N	Authors	Abstract	Organisation	Oral / Poster	Speaker
1	Amelina E.V., Finokhin V.I.	MAGNETIC AFTEREFFECT AND HYSTERESIS IN THIN FILMS	Donetsk National University, Ukraine	Posters - 2	Finokhin V.I.
2	Amirabadizadeh A.1, Farsi H.2, Arabi H.1, Deghani M.1	Effect of substitutions of Zn for Mn on size and magnetic properties of Mn-Zn ferrite nanoparticles	University of Birjand, Birjand, Iran	Posters - 3	Amirabadizadeh A.
3	Avramenko K.1, Strelchuk V.1, Bryksa V.1, Morhain C.2, Tronc P.3, Pashchenko V.4	Micro-Raman scattering in the ferromagnetic Co-doped ZnO films affected by collective electrons	1V. Lashkaryov Institute of Semiconductor Physics NAS of Ukraine, Kyiv, Ukraine 2Centre de Recherches sur l'Heteroepitaxie et ses Applications, Valbone, France 3Centre National de la Recherche Scientifique, Ecole Suprieure de Physique et de Chimie Industrielles de la Ville de Paris, Paris, France 4B. Verkin Institute for Low Temperature Physics and Engineering NAS of Ukraine, Kharkow, Ukraine	Posters - 1	Avramenko K.
4	Bar'yakhtar V.G.	Theory of magnetization relaxation		Oral	Bar'yakhtar V.G.
5	Berezhinskii A. S., Reshetnyak S. A.	Magnetic field influence on characteristics of two-focus spin-wave lens	National State University of Ukraine "Kyiv Polytechnic Institute"	Posters - 1	Reshetnyak S. A.

6	Beznosov A. B.1, Dolya S. N.1, Fertman E. L.1, Kajňaková M.2, Radváková A.2, Šebek J.3, Šantavá E.3, Feher A.2	Nanostructures, magnetic glass and heat capacity of Nd ₂ /3Ca ₁ /3MnO ₃ : magnetic field effects	1 B. Verkin Institute for Low Temp. Phys. & Engrg. of NASU, Kharkov, Ukraine 2 CLTP of PJŠU and IEP SAS, Košice, Slovakia, 3Institute of Physics of AS CR, Prague, Czech Republic.	Posters - 3	Fertman E. L.
7	Bukhanko A.F.	NONRECIPROCITY EFFECTS IN BILAYER STRUCTURE WITH NONCOLLINEAR ORIENTATION OF MAGNETIZATION VECTORS	Donetsk Institute for Physics and Engineering UNAS	Posters - 1	Bukhanko A.F.
8	Bulavin L. A. 1, Feoktystov A. V.1,2, Petrenko A. V.1,2, Avdeev M. V.2, Aksenov V. L.3,2	SANS ANALYSIS OF MAGNETIC LIQUID SYSTEMS	1Taras Shevchenko Kyiv National University, Physics Department, Glushkova Prosp. 2, build. I, 03022 Kyiv, Ukraine, 2Joint Institute for Nuclear Research, Frank Laboratory of Neutron Physics, Joliot-Curie 6, 141980 Dubna, Russia, 3Russian Research Center "Kurchatov Institute", Acad. Kurchatova 1, 123182 Moscow, Russia	Oral	Bulavin L. A.
9	Butrim V.I.1, Kuznetsov A.S.1, Ivanov B.A.2	The critical dynamics of nematic phase S=1 non-Heisenberg magnet	1V.i. Vernadsky Tavrichesky National University, Simferopol, Ukraine 2Institute of Magnetism, National Academy of Sciences, Kiev, Ukraine	Posters - 2	
10	Cheranovskii V.O.1, Ezerskaya E.V.2	QUANTUM PHASE TRANSITIONS AND LOW-TEMPERATURE THERMODYNAMICS OF ONE-DIMENSIONAL SPIN MODELS OF TRANSITION_METAL COMPOUNDS	1Karazin Kharkov National University, Dept. of Chemistry, 2Karazin Kharkov National University, Dept. of Physics,	Posters - 2	

11	Cherepov S. S.1, Worledge D. C.2, Korenivski V.1	Spin dynamics in spin-flop tunnel junctions	1Royal Institute of Technology, Stockholm, Sweden, 2IBM Watson Research Center, Yorktown Heights, NY, USA	Posters - 2	Korenivski V.
12	Chervinskii D. A., Pashkevich Yu. G.	Raman light scattering study of the magnetic excitation's spectra of the six-nodes spin ring	DonPTI	Posters - 1	Chervinskii D. A.
13	Cheshko I.V.1, Nepijko S.2, Odnodvoretz L.V.1, Synashenko O.V.1, Tkach O.P.1, Protsenko I.Yu.1	CRYSTAL STRUCTURE AND MAGNETORESISTANCE OF MULTILAYER FILMS BASED ON Fe AND Pd OR Cr	Sumy State University, Rymskii-Korsakov Str., 2, Sumy, 40007, 2 Institute of Physics, J. Gutenberg University, Staudingerweg 7, Mainz, 55099	Posters - 4	Synashenko O.V.
14	Dadoenkova Yu. S.1, 2, Lyubchanskii I. L.1, 2, LeeY. P.3, Rasing Th.4	EXTERNAL ELECTRIC FIELD CONTROLLING FARADAY ROTATION AT LIGHT TRANSMISSION THROUGH ELECTRO-OPTIC/MAGNETO-OPTIC BILAYER	1Donetsk Physical & Technical Institute of NAS of Ukraine 2Physics Department, Donetsk National University, 3Quantum Photonic Science Research Center (q-Psi) and Department of Physics, Hanyang University, Seoul, Republic of Korea, 4Institute for Molecules and Materials, Radboud University Nijmegen, Nijmegen, the Netherlands	Posters - 1	Dadoenkova Yu. S.
15	Denega S. Z.1, van Wees B.J.1, Reuter D.2, Wieck A. D.2, van der Wal C. H.1	TIME RESOLVED STUDY OF ELECTRON LANDÉ g-FACTOR IN nGaAs.	1Zernike Institute for Advanced Materials, University of Groningen, The Netherlands, 2Angewandte Festkörperphysik, Ruhr-University Bochum, Germany	Posters - 4	Denega S. Z.
16	Duerr G., Neusser S., Grundler D.	SPIN WAVE PROPAGATION IN ANTIDOT LATTICES	Lehrstuhl fuer Physik funktionaler Schichtsysteme, Technische Universitaet Muenchen, Physik Department, Muenchen, Germany	oral	Duerr G.

17	Dzhezherya Yu.I.1, Tovstolytkin A.I.1, Klymuk E.S.2	DOPED PEROVSKITE MANGANATES AS PROMISING MATERIALS FOR THE USE IN ACTIVE THERMOSTABILIZATION SYSTEMS	1 Institute of Magnetism, Kyiv, Ukraine, 2 National Technical University "KPI", Kyiv, Ukraine	Posters - 4	Dzhezherya Yu.I.
18	Efimova N.N., Tkachenko M.V., Mogil'chenko N.V.	The influence of frustrations and nanoscale substructure on the magnetization-remagnetization processes for ferrimagnet oxides BaFe _{12-x} In _x O ₁₉	V.Karazin Kharkiv National University, 4, Maidan Svobody, 61077, Kharkiv, Ukraine	Posters - 4	Efimova N.N.
19	Ermolaev A.M., Rashba G. I., Solyanik M. A., Solyanik S. R.	Thermodynamics of electron gas on nanotube surface		Posters - 2	Solyanik M. A.
20	Fertman E.1, Beznosov A.1, Desnenko V.1, Baumer V.2, Mateychenko P.2, Koval A.3	Low temperature magnetic glass states of the MnFe ₂ O ₄ nanoparticles	1B. Verkin Institute for Low Temp. Phys. & Engrg. of NASU, Kharkov, Ukraine, 2SSI "Institute for single crystals" of NASU, Kharkov, Ukraine, 3National University of Pharmacy, Ministry of Health of Ukraine, Kharkov, Ukraine,	Posters - 3	Fertman E. L.
21	Filimonov Yu.A.1, Vysotsky S.L.1, Nikitov S.A.2	EIGEN SPIN WAVES OF 2D FERRITE MAGNONIC CRYSTALS	1Kotel'nikov IRE RAS Saratov branch, Saratov, Russia; 2 Kotel'nikov IRE RAS, Moscow, Russia;	Posters - 1	
22	Fomenko V.L.1, Grigorchak I.I.2, Stakhira Y.M.1, Tovstyuk N.K.1	MAGNETIC AND KINETICS PROPERTIES OF InSe POLYCRYSTALS INTERCALATED BY NICKEL	1Ivan Franko Lviv National University, Electronics dept, Lviv, Ukraine, 2National University "Lvivska Polytechnika" Institute of Applied mathematics and fundamental sciences, Lviv, Ukraine	Posters - 3	Tovstyuk N.K.
23	Fridman Yu.A., Klevets Ph.N., Voytenko A.P.	PHASE DIAGRAM OF Fe _{1-x} Cox THIN FILM WITH BULK AND PLANAR MAGNETOELASTIC INTERACTIONS	V.I. Vernadskiy Taurida national university, Vernadskiy ave., 4, Simferopol, 95007, Crimea, Ukraine	Posters - 2	Voytenko A.P.

24	Gerasimchuk I. V. and Gorobets Yu. I.	LOCALIZATION OF REAL POLYMER CHAINS IN THE SYSTEM OF TWO TRANSPARENT INTERFACES IN A CONSTANT MAGNETIC FIELD	Institute of Magnetism, Kyiv	Posters - 2	Gerasimchuk I. V.
25	Gerasimchuk I. V.1 and Sommer J.-U. 2,3	ADSORPTION OF REAL POLYMER CHAINS AT TRANSPARENT INTERFACES AND SOLID WALLS	1Institute of Magnetism, Kyiv, Ukraine; 2Leibniz Institute of Polymer Research Dresden e.V., Dresden, Germany 3Institute for Theoretical Physics, Dresden Technical University, Dresden, Germany	Posters - 2	Gerasimchuk I. V.
26	Gerasimchuk V. S.1 and Shitov A. A.2	DYNAMICS OF ab-TYPE DOMAIN WALLS IN VARIABLE MAGNETIC AND ELECTRIC FIELDS	1National Technical University of Ukraine "KPI", Kyiv, Ukraine, 2Donbass National Academy of Civil Engineering, Makeevka, Ukraine,	Posters -2	Gerasimchuk V. S.
27	Gomonay O.V.1,2,Korniienko Ie. G. 1	NANO-TORSIONAL RESONATOR WITH ANTIFERROMAGNETIC INCLUSION	1National Technical University of Ukraine "KPI", Kyiv, Ukraine, 2Bogolyubov Institute for Theoretical Physics NAS of Ukraine, Kyiv, Ukraine	Posters - 1	Korniienko Ie. G.
28	Gomonay O.V.1,2, Loktev V. M.2	MAGNETO-MECHANICAL OSCILLATIONS INDUCED BY SPIN-POLARIZED CURRENT IN ANTIFERROMAGNETIC NANOPARTICLE	1National Technical University of Ukraine "KPI", ave Peremogy, 37, 03056 Kyiv, Ukraine, 2Bogolyubov Institute for Theoretical Physics NAS of Ukraine, Metrologichna str. 14-b, 03143, Kyiv, Ukraine	oral	Gomonay O.V.
29	Gorobets O.Yu., Bondar I.A., Bylo O.N.	FORMATION OF QUASI-STALE PHASES IN ELECTROLYTE UNDER ETCHING FERROMAGNETIC METALS	National Technical University of Ukraine "KPI", Kyiv	posters - 2	Bondar I.A.
30	Gorobets O.Yu., Karpenko Y.V.	BIOSORPTION OF COPPER (II) BY MAGNETICALLY LABELED CELLS SACCHAROMYCES CEREVISIAE	NTUU "KPI"	Posters - 2	Karpenko Y.V.

31	Gorobets S.V., Gorobets O.Yu., Bylo O.N., Demjanenko I.V., Nikolaienko R.N.	MAGNETIC PROPERTIES OF MAGNETICALLY-DRIVEN LIPOSOMES	National Technical University of Ukraine "KPI", Kyiv	Poster - 2	Nikolaienko R.N.
32	Gorobets S.V., Gorobets O.Yu., Demjanenko I.V., Dvoinenko O.K., Michailenko N.A.	MEASUREMENT OF MAGNETIC SUSCEPTIBILITY OF MAGNETICALLY-LABELED NANOCOMPOSITS BASED ON FE-NACL NANOPOWDER	NTUU "KPI"	Posters - 3	Demjanenko I.V.
33	Gorobets S.V., Manilo M.V.	Stabilization of biosorption of CU(II) ions by magnetically labeled yeast	National Technical University of Ukraine "Kyiv Polytechnic Institute"	Posters - 2	Manilo M.V.
34	Gorobets S.V., Mykhailenko N.O., Dvoynenko O.K.	PROPERTIES OF FRACTAL NICKEL DEPOSIT BY MEANS OF MAGNETOELECTROLYSIS	National Technical University of Ukraine "KPI", Kyiv	Posters - 2	Mykhailenko N.O.
35	Gorobets Yu. I.	3D Nonlinear solutions of Landau-Lifshitz equations		oral	Gorobets Yu. I.
36	Gorobets Yu. I.1, Gorobets O. Yu.2, Khomenko T. A.2	NONLINEAR SPIN WAVES IN THE STRUCTURE CONSISTING OF TWO UNIAXIAL FERROMAGNETS	1Institute of Magnetism of NAS of Ukraine, Kiev, 2National Technical University of Ukraine "KPI",	Posters - 1	
37	Gorobets Yu.I.1, Dzhezherya Yu.I.1, Melnichuk I.A.2, Cherepov S.V.1, Kuz' A.P.3	magnetic particles transport by a stripe domain of an uniaxial ferrite-garnet film	1Institute of Magnetism, National Academy of Sciences of Ukraine, Vernadsky Blvd. 36 b, 03142 Kiiv, Ukraine 2Donetsk National University, Universitetskaya Str. 24, 3001 Donetsk, Ukraine 3National Technical University of Ukraine, Peremogy Ave. 37, 03056 Kiiv, Ukraine	Posters - 2	Dzhezherya Yu.I.
38	Gubbiotti G., Tacchi S., Madami M., Carlotti G.	BRILLOUIN LIGHT SCATTERING STUDIES OF 1D AND 2D MAGNONIC CRYSTALS	CNISM, Unità di Perugia- Dipartimento di Fisica, Italy	oral	Gubbiotti G.
39	Kalita V.M., Timopheev A.A., Ryabchenko S.M.	Influence of the demagnetization field on magnetic properties of the Stoner-Wohlfarth nanoparticles' ensemble	Institute of Physics of the National Academy of Sciences of Ukraine, Kiev, Ukraine	Posters - 3	Kalita V.M.

40	Khatsko E.1,2,Terehov A.1,2,Rykova A.2, Cherny A.2, Zaleski A.3, Mydlarz T.1, Shevchenko A.4, Uvarov V.4	Magnetic phase transition in nanocomposite GdNiO ₃	1 International Laboratory of High Magnetic Fields and Low Temperatures, Wroclaw, Poland 2 Institute for Low Temperature Physics and Engineering, Kharkov, Ukraine, 3 Institute for Low Temperature and Stuctual Research, Wroclaw, Poland 4 Institute of Metallophysics, Kiev, Ukraine,	posters - 3	Khatsko E.
41	Khaydukov Yu.N. 1, Zhernenkov K.N.1,2, Nikitenko Yu.V.1, Nagy B.3, Bottyan L.3, Steitz R.4, Teichert A.4 and Aksenov V.L.1	EXPERIMENTAL OBSERVATION OF THE INVERSE PROXIMITY EFFECT IN THE SUPERCONDUCTOR/FERROMAGNET BILAYER	1 Joint Institute for Nuclear Research, Dubna, Russia, 2 Ruhr-Universität Bochum, Bochum, Germany, 3 KFKI Research Institute for Particle and Nuclear Physics, Budapest, Hungary 4 Helmholtz-Zentrum für Materialien und Energie, Berlin, Germany	Posters - 3	Khaydukov Yu.N.
42	Khymyn R. S.1, Kireev V. E.1, Ivanov B. A.1,2	MAGNETIZATION PROCESS IN THE 2D TRIANGULAR LATTICE OF THE DIPOLAR MAGNETIC DOTS	1 Institute of Magnetism, National Academy of Sciences of Ukraine, Kiev, Ukraine 2Shevchenko National University, Kiev, Ukraine	Posters - 3	Khymyn R. S.
43	Kiroshka V. V.1, Repin N.V.1, Ignatieva T. O.2, Pryadkin B. K.2, Bovda O. M.2, Bovda V. O.2, Onischenko L. V.2, Tortika O. S.2	ABOUT POSSIBLE APPLICATION OF MAGNETIC FIELD TO CONTROL NANOPARTICLES IN BIOLOGICAL OBJECT	1Institute for Problems of Cryobiology and Cryomedicine of the National Academy of Sciences of Ukraine, Kharkov, Ukraine, 2NSC KIPT, Kharkiv, Ukraine.	Posters - 3	Ignatieva T. O.
44	Klos J. W., Krawczyk M.	THE SPIN WAVE SPECTRA OF FINITE ARRAYS OF CYLINDRICAL RODS	Surface Physics Division, Faculty of Physics, Adam Mickiewicz University, Poznan, Poland	Posters - 1	Klos J. W.

45	Konoplyuk S. M.1, Kokorin V.V.1, Perekos A.O.2, Kozlova L.E.1	Structure and magnetotransport properties of ferromagnetic nanoparticle system in Cu-Mn-Al melt-spun ribbons	1Institute of magnetism, Kiev, 2Institute for Metal Physics,Kiev,	Posters - 3	Kozlova L.E.
46	Korenivski V.	Spin Transport in Metal/Oxide Nano-Devices	Nanostructure Physics, Royal Institute of Technology SE-10691 Stockholm, Sweden	oral	Korenivski V.
47	Kotov V. A.1, Alameh K.2, Balabanov D.E.3, Burkov V.I.3, Vasiliev M.2, Koledov V.V.1, Shavrov V.G1, Vetoshko P. M.1	MAGNETIC PHOTONIC CRYSTALS – TECHNOLOGICAL CONSIDERATIONS	1IRE RAS, 11 Mohovaya str.,125009 Moscow, Russia 2ESRI,Edith Cowan University, Joondalup, WA 6027, Australia 3MIPT, Dolgoprudny, 141700 Moscow Region, Russia	Posters - 1	
48	Kotov V.A.1, Kulagin D.V.2, Levchenko G.G.2, Savchenko A.S.2, Tarasenko S. V.2, Tarasenko A. S.2, Shavrov V.G.1, Tsymbal L.T.2	THE PECULIARITIES OF SPIN-WAVE ELECTRODYNAMICS OF A ONE-DIMENSIONAL MAGNETIC PHOTONIC GYROTROPIC CRYSTAL UNDER EXTERNAL DC ELECTRIC FIELD	1Kotel'nikov Institute of Radio Engineering and Electronics of the Russian Academy of Sciences, Moscow, Russia 2Donetsk Institute for Physics & Engineering of the National Academy of Sciences of Ukraine, Donetsk, Ukraine	Poster - 1	Savchenko A.S.
49	Kovalevsky M.Y.1,2, Tran Quang Vuong2	Dynamics of normal nonequilibrium states and spectra of collective excitations of magnetics with spin $s=1$	1National Science Center "Kharkov Institute of Physics and Technology", Ukraine, 2Belgorod State University, Russia	posters - 2	Kovalevsky M.Y.
50	Krasnyuk I.B. 1,Taranets R.M.2, Yurchenko V.M.1, Zyubanov A.E.3	Phase Separation in Constant Magnetic Field	1Donetsk Physical &Technical Institute of the National Academy of Sciences of Ukraine, 2 Institute of Applied Mathematics and Mechanics of the National Academy of Science of Ukraine, 3 Donetsk National University, Ukraine	Posters - 2	Yurchenko V.M.

51	Krawczyk M., Klos J. W., Mamica S. and Sokolovskii M.	TOWARDS MATERIALS OPTIMIZATION OF THE 3D MAGNONIC BAND GAPS	Surface Physics Division, Faculty of Physics, Adam Mickiewicz University, Poznan, Poland,	oral	Krawczyk M.
52	Krivoruchko V. N., Marchenko A.I., and Varyukhin V.N.	Spatially localized ferromagnetic resonances in magnetic hexagonal antiodot lattice	Donetsk Physics and Technology Institute NAS of Ukraine	oral	V. N. Krivoruchko
53	Kruglyak V. V.	MAGNONIC META-MATERIALS	School of Physics, University of Exeter, United Kingdom	oral	Kruglyak V. V.
54	Krupa M. M., Kprostil A. M.	ON FAST MAGNETIC REVERSAL IN TUNNEL NANOSTRUCTURES	Institute of Magnetism NASU, Kyiv	Posters - 3	Krupa M. M.
55	Kulish M.P., Dmytrenko O.P.	C60 FULLERENES UNDER IRRADIATION OF TI AND FE ATOMS	Kyiv National Taras Shevchenko University	Posters - 3	Kulish M.P.
56	Kutko K.V.1 , Kaplienکو A.N.2 , Nikolova E.P.3 , Anders A.G.4	THE TEMPERATURE DEPENDENCE OF MAGNETIC ANISOTROPY IN MULTILAYER SYSTEM Co/Cu (111).	1,2,3 B.I.Verkin Institute for Low Temperature Physics and Engineering NAS of Ukraine, 4 V.N. Karazin Kharkiv National University, Ukraine	Posters - 2	Kutko K.V.
57	Levchenko G. G.	PRESSURE EFFECT ON THE SPIN CROSSOVER BEHAVIOR OF THE MOLECULAR AND SUPRAMOLECULAR COMPOUNDS	Donetsk Physical & Technical Institute NAS of Ukraine named after A.A. Galkin	oral	Levchenko G. G.
58	Lubchanskii I.L., Dadoenkova N.N., Lee Y.P., Rasing Th.	Magnetic and superconducting photonic structures	Donetsk Physical & Technical Institute of the National Academy of Sciences of Ukraine, 72, R Luxemburg str., 83114, Donetsk, Ukraine	Oral	Lubchanskii I.L.
59	Lubenets V. A.1, Lyubchanskii I. L.1,2, Gorban O. A.2, Burkhovetskii V. V.2, Dvornikov E.A.2, Volkova G.K.2, Danilenko I.A.2	Magnetic composites based on La _{0.7} Sr _{0.3} MnO ₃ /ZrO ₂ nanopowders	1Donetsk National University, Ukraine, 2Donetsk Institute of Physics and Engineering NAS of Ukraine,	Posters - 3	Lubenets V. A.
60	Malashenko V. V.1, Malashenko T. I.2	EFFECT OF SURFACE IMPURITIES ON MAGNETIZATION DISTRIBUTION IN FERROMAGNET NANOMATERIALS	1 Donetsk Physical & Technical Institute of the National Academy of Sciences of Ukraine 2 Donetsk National Technical University,	Posters - 3	

61	Malynych S. Z., Dmitruk N. L.	LIGHT SCATTERING IN MAGNETITE NANOPARTICLE SUSPENSION UNDER MAGNETIC FIELD	V.E Lashkaryov Institute for Physics of Semiconductors, NAS of Ukraine, Kyiv	Posters - 1	
62	Mamalui Ju.A.1, Siryuk Ju.A.2, Bezus A.V.3	SPIN-REORIENTATION PHASE TRANSITION IN FERRITE-GARNET FILM WITH LOW AXIAL ANISOTROPY	Donetsk National University	Posters - 2	
63	Mamalui Ju.A.1, Siryuk Ju.A.2	HEXAGONAL LATTICE OF SPIRAL DOMAINS IN FERRITE-GARNET FILM	Donetsk National University	Posters - 2	Siryuk Ju. A.
64	Mamica S.1, Lévy J.-C. S.2, Depondt Ph.3, Krawczyk M.1	The influence of the spin-waves localization on the stability of single in-plane vortex state in 2D magnetic dots	1Surface Physics Division, A. Mickiewicz University, Poznań, Poland, 2Lab. MPQ, Université Paris 7, France, 3INSP, UMR CNRS 7588, Université Paris 6, France	Posters - 1	Mamica S.
65	Mazur A. S.1, Tarasenko T. N.1, Linnik A. I.1, Dovgiy V. T.1, Yanushkevich K. I.2	THE MAGNETIC INHOMOGENEITY AND PHASE DIAGRAM OF LANTHANUM-DEFICIT SYSTEM $\text{LaMnO}_3+\delta$	1Donetsk Institute for Physics and Engineering named after O.O. Galkin, NAS of Ukraine, Donetsk, Ukraine, 2Scientific-Practical Materials Research Center, NAS of Belarus, Minsk, Belarus	posters - 2	Mazur A. S.
66	Melkov G. A.1 , Koblyanskiy Yu.V.2, Novosad V.3, Tiberkevich V. S.4, and Slavin A. N.5	Microwave signal storage in active macrospin magnonic crystals	1 T.Shevchenko Kiev National University, Kiev, Ukraine 2 T.Shevchenko Kiev National University, Kiev, Ukraine 3 Argonne National Laboratory, Argonne, Illinois, USA 4 Oakland University, Rochester, Michigan, USA 5 Oakland University, Rochester, Michigan, USA	oral	Slavin A.N.
67	Melnichuk I.A., Vasko E.I.	ANGULAR DISTRIBUTIONS OF ELECTRONS SCATTERED BY A FILM CONTAINING STRIPE DOMAIN STRUCTURE BLOCKS	Donetsk National University, Ukraine	Posters - 2	Melnichuk I.A.

68	Momeni Larimi Z., Amirabadizadeh A.	Synthesis of yttrium oxide nano particles by transient morphology method	Birjand University, Birjand, Iran	Posters - 4	
69	Nazarov V. N.1, Shamsutdinov M. A.2, Kalyakin L. A.3	AUTORESONANCE PARAMETRIC EXCITATION OF THE MAGNETIC BREATHER IN A UNIAXIAL FERROMAGNET	1Institute of Molecular and Crystal Physics, Ufa, Russia, 2Bashkir State University, Ufa, Russia, 3Institute of Mathematics with Computing Centre, Ufa, Russia,	Posters - 2	Nazarov V. N.
70	Nikitov S.A.1, Filimonov Yu.A.2, Vysotskii S.L.2	Linear and Nonlinear Spin Waves in Magnonic Crystals	1 Kotel'nikov IRE RAS, Moscow, Russia; 2 Kotel'nikov IRE RAS Saratov branch, Saratov, Russia;	Oral	Nikitov S.A.
71	Nikolaenko Yu.M., Mezin N.I., Kuzovlev Yu.E.	Multi-channel controller of spatial and temporal variations of magnetic field	Donetsk Institute for Physics & Technology, National Academy of Sciences of Ukraine, R Luxemburg str., 72, Donetsk, 83114, Ukraine, e-mail: nik@fti.dn.ua	Posters - 4	Nikolaenko Yu.M.
72	Olhovik L.P.1, Sizova Z.I.1, Shurinova E.V.1, Kamzin A.S.2	The magnetic interaction in a system of small particles undergoing SPM transition	1. V.N. Karazin Kharkov National University, Kharkov, Ukraine 2. A.F. Ioffe Physicotechnical Institute, Russia Academy of Sciences, St. Petersburg, Russia	Posters - 3	
73	Pashchenko A. V.1, Pashchenko V. P.1, Revenko Yu. F.1, Prilipko S. Yu.1, Shemyakov A. A.1, Glazunova V. A.1, Dyakonov V. P.1, Silcheva A.G.2	MAGNETORESISTIVE NANOPOWDERS: TECHNOLOGY, STRUCTURE AND PROPERTIES OF RARE-EARTH MANGANITE PEROVSKITES	1Donetsk Institute for Physics and Engineering named after A.A. Galkin of NAS of Ukraine, 2Luhansk Taras Shevchenko National University, Ukraine	Posters - 3	Silcheva A.G.

74	Pashkevich Yu.1, Gnezdilov V.2, Lamonova K.1, Gusev A.1, Shevtsova T.1, Chervinskii D.1, Lemmens P.3, Berger H.4, Bussy F.5, Gnatchenko S.2	Phonon and magnon excitations in a ferrimagnetic multiferroic compound Cu ₂ OSeO ₃	1A. Galkin Donetsk Phystech, NASU, 83114 Donetsk, Ukraine pashkevi@kinetic.ac.donetsk.ua 2B. I. Verkin Institute for Low Temperature Physics and Engineering, NASU, 61103 Kharkov, Ukraine 3IFCMP, TU Braunschweig, D-38106 Braunschweig, Germany 4Institute of Condensed Matter Physics, EPFL, CH-1015, Lausanne, Switzerland; 5Inst. of Mineralogy and Geochemistry, ANTHROPOLE, Univ. of Lausanne, CH-1015 Lausanne, Switzerland	Posters - 2	Pashkevich Yu.
75	Pashkevich Yu.1, Luetkens H.2, Maeter H.3, Lamonova K.1, Gusev A.1, Kwadrin A.3, Khasanov R.2, Amato A.2, Klauss H.-H.3, Chervinskii D.1, Klingeler R.4, Hess C.4, Behr G.4, Buchner B.4	RARE EARTH AND IRON MAGNETIC ORDER IN RFeAsO	1A. A. Galkin Donetsk Phystech NASU, 83114 Donetsk, Ukraine, pashkevi@kinetic.ac.donetsk.ua 2Lab. for Muon–Spin Spectr., Paul Scherrer Institut, CH–5232 Villigen PSI, Switzerland 3Institut für Festkörperphysik, TU Dresden, D–01069 Dresden, Germany 4Leibniz–Institut für Festkörper und Werkstofforschung (IFW), D–01171 Dresden, Germany	Oral	Pashkevich Yu.
76	Pescherova N.A.1, Gorban O.A.2, Nosolev I.K.2, Volkova G.K.2, Glazunova V.A.2, Gribanov I.F.2, Konstantinova T.E.2	Surface functionality and magnetic properties of Fe ₃ O ₄	1Donetsk National University, Ukraine, 2Donetsk Institute of Physics and Engineering NAS of Ukraine,	Posters - 2	Pescherova N.A.
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