

ORGANIZED BY

Institute of Applied Physics
Faculty of Physics and Engineering of Moldova State University
Scientific Association “Materials Science and Engineering”
European H2020 project HOLO

SUPPORTED BY

Moldova State University
Malvern Panalytical
H2020 projects: SMARTELECTRODES, INFINITE-CELL

Conference Schedule

	September 24 Monday	September 25 Tuesday	September 26 Wednesday		September 27 Thursday		September 28 Friday		
8.30-9.00	Arrival and Registration 9.00 – 19.00	Plenary session, Big Hall	Plenary session, Hall 1		Plenary session, Hall 1		Plenary session, Hall 1		
9.00-9.30		Opening Ceremony	D.R. Khokhlov <i>Russia</i>		M.J. Zaworotko <i>Ireland</i>		A.A. Popescu <i>Romania</i>		
9.30-10.00			E.J. Podlaha-Murphy <i>USA</i>		G.A. Tsirlina <i>Russia</i>		V. Tsurkan <i>Moldova, Germany</i>		
10.00-10.30		S.A. Moscalenco <i>Moldova</i>	J. Sort <i>Spain</i>		E. Lähderanta <i>Finland</i>		V.M. Fomin <i>Germany</i>		
10.30-		J. Evers <i>Germany</i>	M. Donten <i>Poland</i>		E. Saucedo <i>Spain</i>		M. Macovei <i>Moldova</i>		
		Coffee break		Coffee break		Coffee break		Coffee break	
		Plenary session, Big Hall	Plenary session, Hall 3	Plenary session, Hall 1	Plenary session, Hall 3	Plenary session, Hall 1	Plenary session, Hall 1		
11.00-11.30		S. Uchida <i>Japan</i>	Workshop	H. Cesiulis <i>Lithuania</i>	I. Radevich <i>Finland</i>	Workshop	S. Schorr <i>Germany</i>	I.N. Mihailescu <i>Romania</i>	Y. Tratsiak <i>Belarus</i>
11.30-12.00		S. Decurtins <i>Switzerland</i>		Ch.E. Lekka <i>Greece</i>	T.N. Dey <i>India</i>		M. Leon <i>Spain</i>	E.D. Mishina <i>Russia</i>	A.G. Ulyashin <i>Norway</i>
12.00-12.30		M. Remškar <i>Slovenia</i>		G.A. Ragoisha <i>Belarus</i>	W. Knap <i>Moldova</i>		Training J. Sort <i>Spain</i>	E.A. Zhukov <i>Germany</i>	Closing Ceremony
12.30-	Lunch		Lunch		Lunch				
14.00-16.00	DSCM Hall 1	CMT Hall 2	SSNN Hall 3	Training M. Reyes Luxembourg Hall 2	SEAE Hall 3	DSCM Hall 1	MAREA/ Workshop Hall 3	DOH Hall 1	Poster session SEAE
16.00-	Coffee break		Coffee break		Trip to Orheiul Vechi and Conference dinner (Butuceni)				
16.30-17.30	DSCM Hall 1	CMT Hall 2	SSNN Hall 3	SEAE Hall 3			DSCM Hall 1		
17.30-18.00				Posters session DSCM					
19.00	Welcome Party	Concert	Excursions in small groups after 16.00 (Invino Enoteca, Cricova/Milestii Mici Winery)						

General Information for Participants

The 9th International Conference on Materials Science and Condensed Matter Physics will take place at Moldova State University (MSU), Chisinau, Alexei Mateevici str. 60. The Opening Ceremony and Plenary session on September 25, Tuesday, will take place at the Faculty of Law (Block 2) of Moldova State University (see ③ on the map below)..

The conference will consist of plenary lectures (30 min, including discussions), oral (topical) sessions with keynote lectures (20 min), oral presentations (15 min) and poster sessions. Speakers are requested to ensure that they upload their presentation before the session and to make sure their slides can be displayed without any problem. The presentations will be focused on the following areas:

- Condensed Matter Theory (**CMT**)
- Design and Structural Characterization of Materials (**DSCM**)
- Solid State Nanophysics and Nanotechnology (**SSNN**)
- Surface Engineering and Applied Electrochemistry (**SEAE**)
- Digital and Optical Holography: Materials and Methods (**DOH**)
- New materials and approaches for renewable energy applications (**MAREA**).

Please wear your badge permanently to show you are a registered participant.

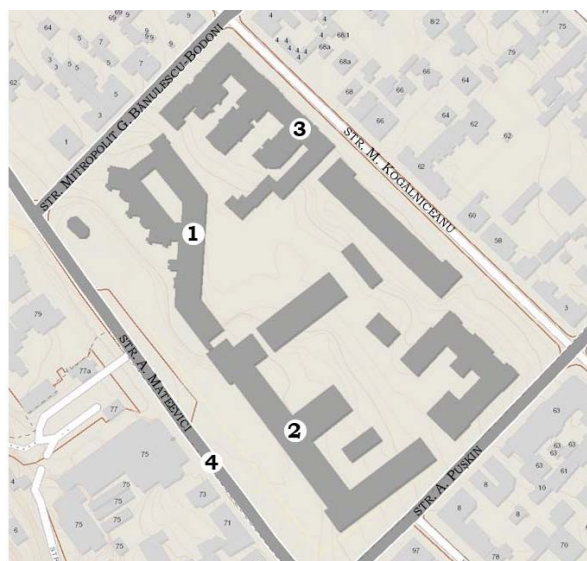
The Conference working language is English. Translation and interpreting services during the event will not be available.

Posters of CMT, SSNN, DOH, and MAREA sections should be mounted before 2 pm and removed just after 4 pm, while posters of DSCM section may be placed on the boards during the coffee break (4 pm-4:30 pm) on the day of display, September 26. Posters of SEAE section should be mounted during lunch time on September 27. The number on the poster board corresponds to the number of the presentation in the Programme and Book of Abstracts. Authors are requested to be at their posters during respective Poster Sessions.

Conference venues are accessible by trolley-buses nr. 2, 3, 10, 24 (price – 2 lei); and maxi-taxi nr. 124, 129, 188 (price 3 lei) till the destination stop called Alexei Mateevici (MSU). The recommended local taxi companies are: 14222, 14428, 14448, 14999.

Moldova State University

- ① Central Building
 - Hall 1 – R.137
 - Hall 2 – R.141
 - Hall 3 – R.145
- ② Bloc 4
- ③ Bloc 2 Big Hall - R. 216
- ④ Entrance



Detailed Conference Programme

September 24, Mondy

16.00 - 19.00	Hall 1 Project meeting: SMARTELECTRODES, “Multiscaled Smart Metallic and Semiconductor Electrodes for Electrochemical Processing and Devices”, H2020-MSCA-RISE-2017, nr. 778357
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September 25, Tues

Big Hall	Opening Ceremony and Plenary Session Chairs: L. Kulyuk, F. Paladi (8.30 – 10.30) Chairs: V. Tsurkan, W. Knap (11.00 – 12.30)
8.30 - 9.30	Opening Ceremony
9.30 - 10.00	S.A. Moskalenko, V.A. Moskalenko†, P.I. Khadzhi†, I.V. Podlesny, M.A. Liberman, I.A. Zubac TWO-DIMENSIONAL PARA-, ORTHO- AND BI- MAGNETOEXCITONS INTERACTING WITH QUANTUM POINT VORTICES <i>Moldova, Sweden</i>
10.00 - 10.30	J. Evers X-RAY QUANTUM OPTICS WITH NUCLEI <i>Germany</i>
10.30 - 11.00	Coffee break
11.00 - 11.30	S. Uchida, T.W. Kim, L. Cojocaru, T. Matsushita, T. Kondo, H. Segawa A NEW DISCOVERY OF SUPERLATTICES INSIDE THE PEROVSKITE SOLAR CELLS <i>Japan, Germany</i>
11.30 - 12.00	S. Decurtins, S.-X. Liu EXPERIMENTAL AND THEORETICAL INVESTIGATIONS OF MOLECULES ON THE NANOSCALE <i>Switzerland</i>
12.00 - 12.30	M. Remškar LOW-DIMENSIONAL TUNGSTEN AND MOLYBDENUM BASED NANOMATERIALS <i>Slovenia</i>
12.30 - 14.00	Lunch

Hall 1	Oral Session Design and Structural Characterization of Materials (DSCM) Chairs: V. Tsurkan, E.D. Mishina (14.00 – 15.50) Chairs: A.A. Tsirlin, A.E. Klimov (16.30 – 17.45)
14.00 - 14.20	A.A. Tsirlin STRUCTURAL INSTABILITIES IN INTEGER- AND MIXED-VALENT IRIDIUM OXIDES <i>Germany</i>
14.20 - 14.35	A.S. Elshin, E.D. Mishina LASER-INDUCED CRYSTALLIZATION IN FERROELECTRIC THIN FILMS <i>Russia</i>
14.35 - 14.50	A.N. Akimov, V.S. Epov, E.V. Fedosenko, D.V. Ishchenko, A.E. Klimov, N.S. Paschin, V.N. Sherstyakova, S.P. Suprun, O.E. Tereshchenko THE EFFECT OF CHEMICAL TREATMENTS ON PROPERTIES OF THIN FILMS OF PbSnTe:In CRYSTALLINE TOPOLOGICAL INSULATOR <i>Russia</i>

14.50 – 15.05	L. Prodan, V. Felea, V. Tsurkan INFLUENCE OF TRANSPORT AGENT ON THE PHYSICAL PROPERTIES OF $Fe_{1-x}Cu_xCr_2S_4$ MAGNETIC SYSTEM <i>Moldova, Germany</i>
15.05 – 15.20	E.Yu. Kaptelov, S.V. Senkevich, I.P. Pronin, D.M. Dolgintsev, V.P. Pronin ANORMALOUS CHANGES OF LEAD CONTENT IN THE CRYSTALLIZATION PROCESS OF THIN PZT FILMS WITH INCREASE TEMPERATURE ANNEALING <i>Russia</i>
15.20 – 15.35	E. Goncarenco INTERACTION BETWEEN BACKGROUND IMPURITIES AND Gd/Yb ELEMENTS IN ZnSe SINGLE CRYSTALS <i>Moldova</i>
15.35 – 15.50	D. Croitori, D. Reuter, V. Tsurkan THERMAL TREATMENT AND SUBSTITUTION INFLUENCE ON PHYSICAL PROPERTIES OF $Rb_{0.8}Fe_{1.6}Se_{2-z}S_z$ SYSTEM <i>Moldova, Germany</i>
16.00 – 16.30	Coffee break
16.30 – 16.45	M. Nazarov, M.G. Brik, D. Spassky, B. Tsukerblat LUMINESCENCE MECHANISM IN $SrAl_2O_4:Eu^{2+}$ PHOSPHOR <i>Moldova, Estonia, Russia, Israel</i>
16.45 – 17.00	J. Breternitz, S. Schorr ZINC GERMANIUM OXYNITRIDE – CHEMICAL VARIABILITY IN WURTZITE-TYPE SEMICONDUCTORS <i>Germany</i>
17.00 – 17.15	A.S. Ilin, P.A. Forsh, M.I. Ikim, L.I. Trakhtenberg PHOTOACTIVATED SENSITIVITY OF In_2O_3-ZnO COMPOSITE FILMS TO HYDROGEN <i>Russia</i>
17.15 – 17.30	V.V. Zalamai, N.N. Syrbu, A.V. Tiron EXCITONIC STATES AND ELECTRON TRANSITIONS IN $HgGa_2Se_4$ SINGLE CRYSTALS <i>Moldova</i>
17.30 – 17.45	L. Boroica, B.A. Sava, M. Elisa, M. Oane, O. Shikimaka, M. Popa THIN FILMS OBTAINED BY PULSE LASER DEPOSITION AND MAGNETRON SPUTTERING FROM GLASS AND GLASS CERAMIC MATERIALS <i>Romania, Moldova</i>

Hall 2	Oral Session Condensed Matter Theory (CMT) Chairs: D.L. Nika, S.I. Klokishner (14.00 – 16.00) Chairs: M.A. Macovei, V. Tronciu (16.30 – 17.50)
14.00 – 14.20	S. Ostrovsky, A. Palii, S. Decurtins, S.-X. Liu, S.I. Klokishner MICROSCOPIC THEORY OF COOPERATIVE SPIN CROSSOVER IN POLYNUCLEAR CLUSTER COMPOUNDS. APPLICATION TO Fe^{II}_4 SQUARE COMPLEXES <i>Moldova, Russia, Switzerland</i>
14.20 – 14.40	A. Isar GENERATION OF QUANTUM CORRELATIONS IN GAUSSIAN OPEN SYSTEMS <i>Romania</i>
14.40 – 15.00	D.L. Nika THEORY OF PHONON SPECIFIC HEAT IN GRAPHENE <i>Moldova</i>

September 25, Tuesday

15.00 – 15.15	A.A. Barsuk, F. Paladi BIFURCATION, STABILITY AND SENSITIVITY ANALYSES OF THE THERMODYNAMIC SYSTEMS EQUILIBRIUM STATES <i>Moldova</i>
15.15 – 15.30	S.I. Beril, S.A. Barenholts, A.S. Starchuk QUANTUM THEORY OF THERMOELECTRONIC AND COLD EMISSION IN STRONG ELECTRIC FIELDS <i>Moldova, Russia</i>
15.30 – 15.45	V. Tronciu, M. Radziunas, M. Khoder, J. Danckaert, G. Verschaffelt SEMICONDUCTOR RING LASERS TUNED BY EXTERNAL OPTICAL FEEDBACK: THEORY AND EXPERIMENT <i>Moldova, Germany, Belgium</i>
15.45-16.00	A.P. Zingan, P.I. Khadzhiĭ, O.F. Vasilieva DYNAMICS OF ATOMIC MOLECULAR CONVERSION WITH FORMATION OF THREE-ATOMIC HETERONUCLEAR MOLECULES <i>Moldova</i>
16.00 – 16.30	Coffee break
16.30 – 16.50	S. Cojocaru PARTIAL WAVES ADAPTED TO SURFACE BOUNDARY CONDITIONS AND SOUND PROPAGATION IN COMPOSITE PLATES <i>Romania</i>
16.50 – 17.05	L.A. Dohotaru A NOVEL DIAGRAMMATIC TECHNIQUE FOR STRONGLY CORRELATED ELECTRON SYSTEMS <i>Moldova</i>
17.05 - 17.20	I.I. Geru SPIN LEVELS INVERSION IN BIHOMONUCLEAR PARAMAGNETIC CLUSTERS UNDER COMBINED TIME REVERSAL <i>Moldova</i>
17.20 – 17.35	V. Ceban, M.A. Macovei SINGLE-PHONON QUANTUM DYNAMICS WITH NONLINEAR MECHANICAL RESONATORS <i>Moldova</i>
17.35 – 17.50	A.V. Mirzac, M.A. Macovei NON-CLASSICAL LIGHT FEATURES SCATTERED BY LASER PUMPED MOLECULES WITH PERMANENT DIPOLES <i>Moldova</i>

Hall 3	Oral Session Solid State Nanophysics and Nanotechnology (SSNN) Chairs: V.V. Ursaki, V.P. Sirkeli (14.00 – 16.05) Chairs: A.A. Nikolaeva, N. Enaki (16.30 – 18.05)
14.00 – 14.20	M. Sommariva, M. Gateshki, M. Enache X-RAY SCATTERING STUDIES OF NANOCRYSTALLINE AND AMORPHOUS MATERIALS ON A LABORATORY DIFFRACTION SYSTEM <i>Netherlands, Romania</i>
14.20 – 14.35	D.V. Nesterenko, S. Hayashi, and Z. Sekkat FANO INTERFERENCE IN SURFACE PLASMON RESONANCES <i>Russia, Japan, Morocco</i>
14.35 – 14.50	F. Küppers, V.P. Sirkeli, O. Yilmazoglu, S. Al-Daffaie, I. Oprea, D.S. Ong, H.L. Hartnagel INTERNAL QUANTUM EFFICIENCY ENHANCEMENT OF InGaN/GaN LEDs WITH Mg-Si pin-DOPED GaN QUANTUM BARRIER <i>Germany, Moldova, Malaysia</i>
14.50 – 15.05	F. Küppers, V.P. Sirkeli, O. Yilmazoglu, A.S. Hajo, N.D. Nedeoglo, D.D. Nedeoglo, S. Preu, H.L. Hartnagel HIGH-PERFORMANCE NEAR-ULTRAVIOLET ZnSe-BASED PHOTODETECTORS WITH Cr/Au AND Ni/Au CONTACTS <i>Germany, Moldova</i>
15.05 – 15.20	A.A. Nikolaeva, L.A. Konopko, K. Rogacki, T.E. Huber, I. Gherghishan, O.V. Botnari DIRAC STATES AND THERMOELECTRIC PROPERTIES, TOPOLOGICAL INSULATORS Bi ₂ Te ₃ WIRES AND LAYERS <i>Moldova, Poland, USA</i>
15.20 – 15.35	L.A. Konopko, A.A. Nikolaeva, T.E. Huber TUNNEL JUNCTIONS IN Bi AND Bi _{0.97} Sb _{0.03} NANOCONSTRICTIONS <i>Moldova, USA</i>
15.35 – 15.50	Ed. Monaico, V. Morari, V.V. Ursaki, E.I. Monaico, I.M. Tiginyanu, K. Nielsch GaAs NANOWIRES OBTAINED VIA ELECTROCHEMICAL ETCHING OF BULK SUBSTRATES <i>Moldova, Germany</i>
15.50-16.05	Ed. Monaico, C. Moise, G. Mihai, V.V. Ursaki, I.M. Tiginyanu, M. Enachescu, K. Nielsch CONTROL OF HVPE GROWN GaN NANOSTRUTURING BY ANODIZATION <i>Moldova, Romania, Germany</i>
16.05 – 16.30	Coffee break
16.30 – 16.50	V.V. Ursaki, L. Ghimpu, R. Mesterca, O. Brancoveanu, M. Prodana, M. Enachescu, S. Dimitrachi, I. Tiginyanu WO ₃ /WS ₂ COMPOSITE MATERIALS FOR GAS SENSOR AND ENERGY STORAGE APPLICATIONS <i>Moldova, Romania</i>
16.50 – 17.05	N. Enaki, S. Bazgan, A. Nistreanu, V. Tonu, N. Ciobanu, M. Turcan, T. Paslari, E. Starodub, A. Profir, C. Ristoscu, I.N. Mihailescu EFFICIENT BIOLOGICAL DECONTAMINATION OF TRANSLUCENT LIQUIDS AND GASES USING OPTICAL PERIODICAL STRUCTURES <i>Moldova, Romania</i>
17.05 – 17.20	D. Untila, I. Caraman, I. Evtodiev, N. Spalatu, L. Dmitroglu, S. Evtodiev, D. Spoiala, O. Volobujeva, M. Caraman STRUCTURE AND PHOTOLUMINESCENCE OF THE ZnTe-GaTe NANOSTRUCTURES OBTAINED BY THERMAL ANNEALING OF GaTe PLATES IN Zn VAPOURS <i>Moldova, Estonia</i>

September 25, Tuesday

17.20 - 17.35	I. Sanduleac, A. Casian TEMPERATURE DEPENDENCES OF THE THERMOELECTRIC POWER FACTOR OF TTT_2I_3 ORGANIC CRYSTALS <i>Moldova</i>
17.35 - 17.50	E.P. Sinyavskii, S.M. Sokovnich PECULIARITIES OF IMPURITY LIGHT ABSORPTION IN QUANTUM WIRES IN EXTERNAL FIELDS <i>Moldova</i>
17.50 - 18.05	E.P. Sinyavskii, N.S. Kostyukevich, S.A. Karapetyan INFLUENCE MAGNETIC FIELD ON FRANZ-KELDYSH EFFECT IN NANOWIRE <i>Moldova</i>

September 26, Wednesday

Hall 1	Plenary Session Chairs: H. Cesiulis, G.A. Tsirlina (8.30 - 10.30)
8.30 - 9.00	A.V. Galeeva, A.I. Artamkin, A.S. Kazakov, S.A. Dvoretiskii, N.N. Mikhailov, S.N. Danilov, L.I. Ryabova, D.R. Khokhlov PT-SYMMETRIC TERAHERTZ PHOTOCONDUCTIVITY IN THE TOPOLOGICAL PHASE OF HgCdTe SEMICONDUCTORS <i>Russia</i>
9.00 - 9.30	E. Podlaha-Murphy, X. Geng, D. Li, M. Beheshti, S. Park, J. Choi, Y. Zhang TEMPLATE-ASSITED ELECTRODEPOSITION OF Fe-Ni-Co NANOWIRES AND THIN FILMS <i>USA</i>
9.30 - 10.00	J. Sort, C. Navarro-Senent, A. Quintana, E. Menéndez, J. Fornell, J. Zhang, M.D. Baró, J. Nogués, E. Pellicer MAGNETOELECTRIC EFFECTS IN NANOPOROUS ALLOYS AS A MEANS TO ENHANCE ENERGY EFFICIENCY IN MAGNETICALLY ACTUATED DEVICES <i>Spain</i>
10.00 - 10.30	M. Donten APPLICATION OF SEM-FIB AND TEM/STEM TECHNIQUES FOR CHARACTERIZATION OF MATERIALS <i>Poland</i>
10.30 - 11.00	Coffee break

Hall 1	Plenary Session Chairs: V. Fomin, J. Evers (11.00 - 12.30)
11.00 - 11.30	I. Radevici EN ROUTE TO DEMONSTRATING HIGH POWER ELECTROLUMINESCENT COOLING <i>Finland</i>
11.30 - 12.00	T.N. Dey CONTROLLED LIGHT SHAPING VIA PHASE DEPENDENT ELECTROMAGNETICALLY INDUCED TRANSPARENCY <i>India</i>
12.00 - 12.30	W. Knap NEW GaN AND SILICON JUNCTIONLESS FIELD EFFECT TRANSISTOR TERAHERTZ DETECTORS <i>Poland, France</i>
12.30 - 14.00	Lunch

Hall 3	Plenary Session Workshop Chairs: E. Podlaha-Murphy, M. Donten (11.00 - 12.30)
11.00 - 11.30	H. Cesiulis, N. Tsyntsaru EIS – METHOD FOR CHARACTERIZATION OF METAL OXIDES: PHYSICAL MEANING OF EQUIVALENT ELECTRIC CIRCUITS <i>Lithuania, Moldova</i>
11.30 - 12.00	Ch.E. Lekka, M. Gialampouki DENSITY FUNCTIONAL THEORY ON NANOSTRUCTURES WITH POTENTIAL CATALYTIC APPLICATIONS <i>Greece, USA</i>
12.00 - 12.30	G.A. Ragoisha ELECTROCHEMICALLY GENERATED ATOMIC LAYERS AS BUILDING BLOCKS IN CHEMISTRY OF NANOMATERIALS <i>Belarus</i>
12.30 – 14.00	Lunch
Hall 1	Oral Session Design and Structural Characterization of Materials (DSCM) Chairs: M.S. Fonari, M.J. Zaworotko (14.00 – 15.55) Chairs: V.Ch. Kravtsov, S. Decurtins (16.30 – 17.30)
14.00 – 14.20	J. Lipkowski, E. Pocwierz SUPRAMOLECULAR SOLVATES OF COORDINATION COMPOUNDS, PAST AND PRESENT <i>Poland</i>
14.20 – 14.40	K. Suwinska CALIXARENES IN SOLID STATE – STRUCTURAL STUDIES <i>Poland</i>
14.40 – 15.00	E. Cariati, E. Lucenti, A. Forni, C. Botta, L. Carlucci, C. Giannini, D. Marinotto, S. Righetto, A. Previtali CYCLIC TRIIMIDAZOLE DERIVATIVES: INTRIGUING CASES OF MULTIPLE EMISSIONS AND ROOM TEMPERATURE ULTRALONG PHOSPHORESCENCE <i>Italy</i>
15.00 – 15.20	J. van Leusen, P. Kögerler NOVEL INSIGHTS INTO THE MAGNETISM OF ACTINIDE COORDINATION COMPOUNDS <i>Germany</i>
15.20– 15.40	S. Curlat, N. Sucman, E. Stingaci, S. Pogrebnoi, V. Boldescu, T. Stefanet, V. Valica, L. Uncu, V. Kravtsov, S. Baca, F. Macaev MOLECULAR DIVERSITY FROM NITROGEN ORGANIC SALTS: PREPARATION OF NOVEL SCAFFOLDS AND FOCUSED TARGETS <i>Moldova</i>
15.40 – 15.55	D. Chisca, L. Croitor, O. Petuhov, E.B. Coropceanu, M.S. Fonari SINGLE-CRYSTAL TO SINGLE-CRYSTAL TRANSFORMATIONS AS ACCOMPANYING EVENTS IN ADSORPTION-DESORPTION PROCESSES IN COORDINATION POLYMERS <i>Moldova</i>
16.00 – 16.30	Coffee Break
16.30-16.45	D. Dragancea COORDINATION COMPOUNDS THROUGH O-VANILLIN SEMICARBAZONE AND ITS DIMERISED COUNTERPART: STRUCTURAL STUDIES <i>Moldova</i>
16.45 – 17.00	B.A. Sava, L. Boroica, I.C. Vasiliu, O. Shikimaka, M. Oane, M. Popa NANO-CARBON DOPED BORON-LEAD-PHOSPHATE GLASS. OBTAINING AND PROPERTIES <i>Romania, Moldova</i>

September 26, Wednesday

17.00 – 17.15	V. Furtuna, T. Potlog SYNTHESIS OF ZINC PHTHALOCYANINE/ N, N'-BIS (3-PENTYL) PERILEN-3,4,9,10-BIS (DICARBOXIMIDE) COMPOSITE AND ITS PHOTOPHYSICAL PROPERTIES <i>Moldova</i>
17.15 – 17.30	O. Shikimaka, C. Pyrtsac, Z. Barbos, B.A. Sava, L. Boroica, M. Elisa LOADING RATE DEPENDENT RELAXATION UNDER INDENTATION OF BOROPHOSPHATE GLASS <i>Moldova, Romania</i>

Hall 2	M. Reyes (14.00 – 15.00) Training: Exploring EU funding opportunities for young researchers <i>Luxemburg</i>
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Hall 3	Oral Session Surface Engineering and Applied Electrochemistry (SEAE) Chairs: A.G. Ragoisha, A. Vladescu (14.00 -16.00) Chairs: P.N. Belkin, B.L. Krit (16.30 -18.00)
14.00-14.15	S.A. Baranov THE MODERN ELECTROCHEMICAL NUCLEATION THEORY <i>Moldova</i>
14.15-14.30	A. Nicolenco, N. Tsyntsaru, H. Cesiulis ENVIRONMETALLY-FRIENDLY ELECTRODEPOSITION OF Fe-W ALLOYS: DESIGN, CHARACTERIZATION AND PROPERTIES OF THE COATINGS <i>Lithuania, Moldova</i>
14.30-14.45	S. Belevskii, A. Gotelyak, N. Tsyntsaru, S. Yushchenko, A. Dikusar SOLUBLE IRON ANODE IN ELECTRODEPOSITION OF NANOCRYSTALLINE Fe-W ALLOYS FROM CITRATE ELECTROLYTE <i>Moldova, Lithuania</i>
14.45-15.00	P. Bacal, K. Sobczak, Z. Stojek, M. Donten INFLUENCE OF PULSE ELECTRODEPOSITION ON INTERNAL STRUCTURE OF SELECTED TUNGSTEN ALLOYS <i>Poland</i>
15.00-15.15	V.M. Volgin, V.V. Lyubimov, I.V. Gnidina, T.B. Kabanova, A.D. Davydov LOCAL MASKLESS ELECTROCHEMICAL DEPOSITION OF METALS <i>Russia</i>
15.15-15.30	S.A. Silkin, A.V. Gotelyak, A.I. Dikusar SIZE EFFECT OF MICROHARDNESS OF METAL COATINGS OF IRON GROUP WITH TUNGSTEN OBTAINED FROM CITRATE AND GLUCONATE SOLUTIONS <i>Russia, Moldova</i>
15.30-15.45	A. Dulksnis, H. Cesiulis, N. Tsyntsaru LEACHING AND ELECTROWINNING OF Pb AND Sn FROM ECO-FRIENDLY SOLUTIONS <i>Lithuania, Moldova</i>
15.45-16.00	A. Vladescu, D.M. Vranceanu, A.C. Parau, C.M. Cotrut, A.E. Kiss, L.R. Constantin, V. Braic IN VITRO INVESTIGATION OF Ag DOPED HYDROXYAPATITE COATINGS IN DIFFERENT ACELLULAR MEDIA <i>Romania</i>
16.00-16.30	Coffee-break
16.30-16.45	I.V. Bulan, I.V. Kozlova, V.F. Zagonenco CHARACTERISATION OF CERAMIC COATINGS OF ALUMINIUM ALLOY OBTAINED VIA MICRO ARC OXIDATION IN BIPOLAR CURRENT REGIMES <i>Moldova</i>

16.45-17.00	B.L. Krit, V.V. Kuvshinov, N.V. Morozova, V.V. Sleptsov IMPROVEMENT OF PHOTOELECTRIC ENERGY CONVERTERS EFFICIENCY <i>Russia</i>
17.00-17.15	P.N. Belkin, S.A. Kusmanov PLASMA ELECTROLYTIC BORIDING OF STEELS <i>Russia</i>
17.15-17.30	M.S. Vasilyeva, V.S. Rudnev, N.E. Zabudskaya, A.Yu. Ustinov, L.A. Zasukhina, G.I. Marinina PLASMA-ELECTROLYTIC FORMATION OF Ti/TiO ₂ , SbO _x pH-SENSITIVE POTENTIOMETRIC ELECTRODES <i>Russia</i>
17.30-17.45	M. Rukanskis, J. Padgurskas METAL SURFACE MECHANICAL AND TRIBOLOGICAL CHARACTERISTICS ENHANCEMENT USING COST EFFECTIVE ELECTRO-SPARK DEPOSITION METHOD <i>Lithuania</i>

Poster Session MAREA, SSNN, DOH, CMT (15.00 – 16.00) Chairs: D. Tsiulyanu, S. Anghel	
<i>MAREA P1</i>	V. Botnariuc, L. Gorceac, L. Gagara, P. Ketrush, C. Rotaru, B. Cinic, A. Coval, S. Raevschi, S. Moldovanu InP PHOTOVOLTAIC CELLS: TECHNOLOGICAL OPTIMIZATIONS AND RESULTS <i>Moldova</i>
<i>MAREA P2</i>	A.A. Nikolaeva, L.A. Konopko, P.P. Bodiul, I.A. Popov, E.F. Molosnik, G.M. Rastegaev Bi-Sb LAYERS AND WIRES FOR MAGNETO- THERMOELECTRIC APPLICATIONS <i>Moldova</i>
<i>MAREA P3</i>	L. Dermenji, L. Bruc, M. Guc, N. Curmei, V. Fedorov, G. Gurieva, D.A. Sherban, A.V. Simashkevich, S. Schorr, E. Arushanov DEPOSITION METHOD AND ELECTRO-PHYSICAL PROPERTIES OF (Ag _x Cu _{1-x}) ₂ ZnSn(S,Se) ₄ THIN FILMS <i>Moldova, Germany</i>
<i>MAREA P4</i>	Iu.A. Bosneaga, E.I. Agarwal ADVANCED ECONOPHYSICAL ANALYSIS FOR OPTIMIZATION OF TRANSITION TO SUSTAINABLE ENERGY DEVELOPMENT - ELABORATION OF THE MAIN COMPONENTS <i>Moldova</i>
<i>MAREA P5</i>	V. Suman, G.V. Colibaba, V. Fedorov, D. Rusnac, C. Rotaru MATERIAL ASPECT OF CdS/CdTe:Mn SOLAR CELLS <i>Moldova</i>
<i>MAREA P6</i>	A. Belenchuk, O. Shapoval, S. Vatavu, A. Chirita, V. Moshnyaga SPINODAL DECOMPOSITION OF THIN FILM V _{1-x} Ti _x O ₂ SOLID SOLUTION INTENDED FOR APPLICATION IN THERMOCHROMIC SMART WINDOWS <i>Moldova, Germany</i>
<i>MAREA P7</i>	V. Verlan, O. Bordian, I. Culeac, M. Iovu, I. Bulhac, V. Zubarev PL PROPERTIES OF THE COORDINATION COMPOUND Eu(DBM) ₃ (PH ₃ PO)H ₂ O <i>Moldova</i>

MAREA P8	Ia.I. Kerner DETECTION IN THE DIFFERENT CONTACTS WITH BISMUTH-ANTIMONY ALLOY <i>Moldova</i>
MAREA P9	A.K. Kobylinskaya, Gh.P. Papa, I.A. Popov, T.P. Koromyslichenko SEMIMETAL- SEMICONDUCTOR TRANSITION IN SEMIMETAL Bi-Sn AND $\text{Bi}_{1-x}\text{S}_x$ WIRES INDUCED BY DEFORMATION AND MAGNETIC FIELD <i>Moldova</i>
MAREA P10	Iu.A. Bosneaga, E.I. Agarwal, M.Ch. Bologna OPTIMAL SOLAR RADIATION UTILIZATION: CONCENTRATED SOLAR POWER VERSUS PHOTOVOLTAICS AND PHOTOSYNTHESIS <i>Moldova</i>
MAREA P11	N. Curmei, C. Rotaru, D. Spoiala DENSITY OF THE SURFACE STATES AT THE INTERFACE OF THE ITO/n-Si STRUCTURES DETERMINED FROM VOLTAGE CAPACITY CHARACTERISTICS <i>Moldova</i>
MAREA P12	P. Vidal-Fuentes, Y. Sánchez, M. Neuschitzer, M. Placidi, V. Izquierdo-Roca, A. Pérez-Rodríguez, E. Saucedo EFFICIENT Sb_2Se_3 BASED SOLAR CELLS IN SUBSTRATE CONFIGURATION <i>Spain</i>
MAREA P13	A. Siminel, A. Micu, A. Kuznetsov†, K. Sushkevich, L. Kulyuk IR LUMINESCENCE OF TRANSITION METAL DICHALCOGENIDE SINGLE CRYSTALS DOPED WITH CHROMIUM AND TITANIUM <i>Moldova</i>
MAREA P14	R. Lascova-Baciu, C. Lozanschi, A. Siminel, A. Micu, L. Kulyuk SYNTHESIS AND CHARACTERIZATION OF MoS_2 NANOSHEETS <i>Moldova</i>
MAREA P15	A. Simashkevich, D. Serban, L. Bruc, N. Curmei, A. Ulyashin PHOTOVOLTAIC PROPERTIES OF ITO/nSi/n ⁺ Si/i-αSi/n ⁺ -αSi/ITO STRUCTURES <i>Moldova, Norway</i>
MAREA P16	A. Simashkevich, L. Bruc, N. Curmei, D. Serban, M. Rusu, A. Thogersen, A. Ulyashin PREPARATION OF AN INTERMEDIATE LAYER BETWEEN ITO AND Si IN ITO/n-Si BASED SOLAR CELLS <i>Moldova, Germany, Norway</i>
MAREA P17	S. Tapuchi, D. Baimel THE DIELECTRIC CONSTANT OF THE CERAMIC TITANATE $\text{Ba}_{1-x}\text{Sr}_x\text{TiO}_3$ DOPED ZIRCONIUM <i>Israel</i>
MAREA P18	A.V. Kravchenko, K.D. Pershina AN INPUT OF THE ELECTRODE'S THERMOELECTRIC PROPERTIES INTO POWER OF THERMOGALVANIC CELLS $\text{Fe} \text{Fe}_3\text{O}_4 \text{REDOX ELECTROLYTE} \text{Fe} \text{Fe}_3\text{O}_4$ <i>Ukraine</i>
MAREA P19	K.D. Pershina, V.A. Diamant, S.M. Malovanyy, K.A. Kazdobin NATURE OF MASS AND CHARGE TRANSFER IN SODIUM ION BATTERY ELECTROLYTES BASED ON SODIUM BIS[SALICYLATO]-BORATE DISSOLVED IN γ-BUTYROLACTONE <i>Ukraine</i>
SSNN P1	M. Turcan, S. Bazgan, A. Nisteanu, T. Paslari, E. Starodub COOPERATIVE EFFECT BETWEEN STOKES AND ANTI-STOKES MODES OF NANO-FIBERS STIMULATED BY EXCITED STATES OF TRAPPING ATOMS AND ITS APPLICATION <i>Moldova</i>

SSNN P2	O.V. Yaltychenko, E.Yu. Kanarovskii, N.N. Gorinchoy POLARIZATION EFFECTS IN METAL-CARBON NANOCCLUSERS AND DYNAMICS OF ELECTRON LOCALIZATION IN EXTERNAL ELECTRIC FIELD <i>Moldova</i>
SSNN P3	V.P. Goncharuk, M.K. Bologa, I.V. Rusu, A.A. Policarpov, E.Gh. Vrabie, V.V. Spinu HOMOGENIZATION OF THE NANOMODIFIED CONCRETE MIXTURE IN THE MAGNETO FLUIDIZED LAYER <i>Moldova</i>
SSNN P4	E.Yu. Kanarovskii MANIFESTATION OF ELECTRON-PHONON EFFECTS WITH PARTICIPATION OF TWO TYPES OF PHONONS IN SPECTRA OF MAGNETOABSORPTION IN PARABOLIC QUANTUM WIRES <i>Moldova</i>
SSNN P5	T Gutul, A. Dimoglo, N. Dogan, V. Fedorov, P. Petrenko INVESTIGATION OF SYNTHESIS CONDITION ON THE FORMATION OF NZVI /PVP NANOPARTICLES. <i>Moldova, Turkey, Moldova</i>
SSNN P6	V.V. Zalamai LIGHT EMISSION IN ZnO NANOSTRUCTURES <i>Moldova</i>
SSNN P7	V. Sprincean CRYSTAL LATTICE DYNAMICS OF OXIDES OBTAINED FROM GaS <i>Moldova</i>
SSNN P8	S.V. Ovcharenko, P.O. Yakushenkov, N.A. Ilyin, K. A. Brekhov, E.M. Semenova, E.D. Mishina ALL-OPTICAL MAGNETIZATION SWITCHING BY A SINGLE FEMTOSECOND LASER PULSE IN DyFeCo THIN FILMS USING A MICROSTRUCTURED FIBER <i>Russia</i>
SSNN P9	N.E. Sherstyuk, M.S. Ivanov LOCAL PIEZOELECTRIC PROPERTIES OF PERFORATED FERROELECTRIC FILMS DURING IN-PLANE POLARIZATION REVERSAL <i>Russia, Portugal</i>
SSNN P10	V.P. Sirkeli, S.A. Vatavu, O. Yilmazoglu, F. Küppers, H.L. Hartnagel QUANTUM ELECTRON TRANSPORT IN NON-POLAR ZnMgO/ZnO STRUCTURES <i>Germany, Moldova</i>
DOH P1	S.A. Sergeev SUPERIMPOSED DOUBLE GRATINGS WITH DIFFERENT ORIENTATIONS <i>Moldova</i>
DOH P2	O. Kulikova, A. Siminel, A. Micu, N. Siminel LASER SPECTROSCOPY FOR ANALYSIS OF WATER ON THE CONTENT OF TOXIC IMPURITIES <i>Moldova</i>
DOH P3	A. Meshalkin DEVELOPMENT OF COMPUTER MODEL OF THE DIFFRACTION ON TRANSMISSION PHASE AND AMPLITUDE GRATINGS WITH ARBITRARY PROFILE <i>Moldova</i>
DOH P4	V.I. Borsciiov FAR-FIELD AND NEAR-FIELD METHODS FOR OPTIC FIBER CHARACTERIZATION <i>Moldova</i>

DOH P5	A. Meshalkin, V. Cazac, C. Losmanschii, V. Abaskin, E. Achimova RECORDING OF SUPERIMPOSED RELIEF GRATINGS ON CARBAZOLE-BASED AZOPOLYMER <i>Republic of Moldova</i>
DOH P6	A. Stronski, E. Achimova, O. Paiuk, A. Meshalkin, A. Prisacar, G. Triduh, P. Oleksenko, A. Korchovyi COMPOSITE As ₂ S ₃ :Mn-Se NANOMULTILAYER STRUCTURES AS MEDIA FOR DIGITAL HOLOGRAPHY <i>Ukraine, Moldova</i>
CMT P1	I.V. Chukita, V.I. Chukita INVESTIGATIONS OF MODELING COMPLEX CRYSTALLINE AND QUASICRYSTALLINE SYSTEMS <i>Russia, Moldova</i>
CMT P2	P.I. Khadziĭ, O.V. Korovai, D.A. Markov ANHARMONIC BLOCH OSCILLATIONS IN THE COUPLER FROM THE TWO ARRAYS OF WAVEGUIDES <i>Moldova</i>
CMT P3	S. Andronic, A. Casian DEPENDENCE OF PEIERLS TRANSITION ON CARRIER CONCENTRATION IN QUASI-ONE-DIMENSIONAL ORGANIC CRYSTALS OF TTT ₂ I ₃ <i>Moldova</i>
CMT P4	V.I. Chukita, E.A. Senokosov, I.N. Odin, M.V. Chukichev CURRENTS ORGANIZED BY THE SPATIAL CHARGE IN THE SYMMETRIC FILM STRUCTURE IN-CDSE-IN <i>Moldova, Russia</i>
CMT P5	P.I. Khadziĭ, O.V. Korovai, L.Yu. Nad'kin DISPERSION LAWS OF A HIGHLY EXCITED THREE-LEVEL ATOM WITH AN EQUIDISTANT ENERGY SPECTRUM <i>Moldova</i>
CMT P6	A.B. Gaina POLIELECTRONS, BIEXCITONS- A HISTORY AND ANALOGIES <i>Moldova</i>
CMT P7	A. Cengiz, Y. Şale, Yu. Chumakov, M.H.Yu. Seyidov THE EFFECT OF DEFECT DENSITY WAVE ON OPTICAL PROPERTIES OF TiGaSe ₂ FERROELECTRIC – SEMICONDUCTOR NEAR THE FUNDAMENTAL ELECTRONIC BAND GAP. THEORETICAL AND EXPERIMENTAL RESULTS <i>Turkey, Moldova, Azerbaijan</i>
CMT P8	C. Kirbaş, Yu. Chumakov, M.H.Yu. Seyidov MANIFESTATION OF THE MEMORY EFFECT IN ELASTIC PROPERTIES OF TiInS ₂ FERROELECTRIC – SEMICONDUCTOR DETECTED BY ULTRASONIC MEASUREMENTS <i>Turkey, Moldova, Azerbaijan</i>
CMT P9	E. Cecoi, V. Ciornea, A. Isar, M.A. Macovei ENTANGLED TWO-QUBIT STATES VIA PHONON ENVIRONMENT <i>Moldova, Romania</i>
CMT P10	S. Ostrovsky, S.I. Klokishner SPIN TRANSITION ACCOMPANIED BY THE APPEARANCE OF MACROSCOPIC POLARIZATION IN THE {[FeTp(CN) ₃] ₂ Co(Meim) ₄ }·6H ₂ O COMPLEX <i>Moldova</i>
CMT P11	S. Ostrovsky, Z. Tomkowicz, W. Haase MAGNETIC ANISOTROPY IN TETRAHEDRALLY COORDINATED MONONUCLEAR Co(II) COMPLEXES <i>Moldova, Poland, Germany</i>

CMT P12	E. Condrea, A. Gilewski, F. Muntyanu, V. Nicorici UMKEHR EFFECT IN THE THERMOPOWER OF BISMUTH WIRES <i>Moldova, Poland</i>
CMT P13	O.S. Reu, S.I. Klokishner IRON(II) SPIN CROSSOVER COMPLEXES WITH N ₄ S ₂ COORDINATION <i>Moldova</i>
CMT P14	M. Roman, S.I. Klokishner ELECTRIC FIELD EFFECTS IN MIXED VALENCE CLUSTERS WITH TWO -ELECTRON TRANSFER <i>Moldova</i>
CMT P15	E.Yu. Kanarovskii INFLUENCE OF INTENSIVE LASER FIELD ON RADIATIVE LIFE-TIME OF EXCIMER AND EXCIPLEX MOLECULES <i>Moldova</i>
CMT P16	G.V. Colibaba NOVEL APPROACH FOR CALCULATING THE CHARGE CARRIER MOBILITY IN SEMICONDUCTOR MATERIALS <i>Moldova</i>
CMT P17	Yu. Chumakov, R. Erdem, I.R. Amiraslanov, N.T. Mamedov, T.G. Mammadov, S. Volz, M.H.Yu. Seyidov MOLECULAR DYNAMIC SIMULATION OF TERNARY SEMICONDUCTOR TlInSe ₂ <i>Turkey, Azerbaijan, France, Moldova</i>
CMT P18	T. Mihaescu, A. Isar EVOLUTION OF QUANTUM STEERING IN A GAUSSIAN NOISY CHANNEL <i>Romania</i>
CMT P19	L.A. Dohotaru A DIAGRAM APPROACH TO THE STRONG COUPLING IN THE TWOFOLD-DEGENERATE ANDERSON IMPURITY MODEL <i>Moldova</i>
CMT P20	A.V. Corovai, A.G. Mangir, P.I. Khadzhi† NONLINEAR TRANSMISSION OF SUPERSHORT LASER PULSES BY THIN SEMICONDUCTOR FILMS <i>Moldova</i>
CMT P21	T. Oloinic, S. Rusu, V. Tronciu COMPLEX DYNAMICS OF QUANTUM DOTS LASERS UNDER THE INFLUENCE OF EXTERNAL MULTIPLE OPTICAL FEEDBACK <i>Moldova</i>
CMT P22	A.S. Askerov VALENCE FORCE FIELD MODEL FOR PHONONS IN GRAPHENE AND GRAPHENE NANORIBBONS <i>Moldova</i>
CMT P23	V.S. Zakhvalinskii, T.B. Nikulicheva, E.A. Piliuk, E. Lähderanta, M.A. Shahov, P. Petrenko, K.H. Davlethurin MASS-LESS DIRAC FERMIONS IN THE (Cd _{1-x-y} Zn _x Mn _y) ₃ As ₂ (x + y = 0.4) <i>Russia, Finland, Moldova</i>
CMT P24	V.I. Pavlenko, I.I. Dobynde†, I.V. Belousov TIME-RESOLVED PHOTOLUMINESCENCE OF CdSe/CdS/CdZnS QUANTUM DOTS <i>Moldova</i>
CMT P25	P.I. Khadzhi†, O. F. Vasilieva, V.V. Vasiliev DYNAMICS OF DIPOLARITONIC OPTICAL PARAMETRIC OSCILLATOR <i>Moldova</i>

Poster Session Design and Structural Characterization of Materials (DSCM)	
Chairs: O. Shikimaka, S. Vatavu (17.30 – 19.00)	
DSCM P1	A. Lazarescu, E. Melnic, P. Bourosh, V. Trachevskii, A. Melnyk, E. Zariciuc DOUBLE-DEPROTONATED FORM OF LIGAND IN COPPER(II) DITHIOCARBOMETHOXYHYDRAZONE COMPLEXES DERIVED FROM 4-FORMYL-3-HYDROXY-2-NAPHTHOIC ACID <i>Moldova, Ukraine</i>
DSCM P2	E. Melnic, V.Ch. Kravtsov, E. Lucenti, E. Cariati, M.S. Fonari, A. Forni TWO Cu(II) SOLVATOMORPHS WITH OPTICALLY NON-INNOCENT LIGAND <i>Moldova, Italy</i>
DSCM P3	E. Melnic, S.D. Kanmazalp, Yu. Chumakov, V.Ch. Kravtsov STACKING INTERACTIONS IN THE CRYSTALS OF Cu(II) COMPLEXES WITH ACETYLACETONATE AND N,N-AROMATIC LIGANDS: STRUCTURAL AND THEORETICAL STUDY <i>Moldova, Turkey</i>
DSCM P4	O.V. Yaltychenko, E.Yu. Kanarovskii, N.N. Gorinchoy SIMULATION OF PEROXIDATION PROCESS WITH PARTICIPATION OF CARDIOLIPIN-CYTHOCHROM C COMPLEXS AND SOME LIPID ANTIOXIDANTS <i>Moldova</i>
DSCM P5	M. Cocu, L. Croitor, P. Bourosh, T. Titica, O. Danilescu, I. Bulhac TEMPLATE SYNTHESIS AND CRYSTAL STRUCTURE OF NEW TRIHETERONUCLEAR COMPLEX BASED ON 2,6-DIACETYLPIRIDINE AND ISONICOTINIC ACID HYDRAZIDE <i>Moldova</i>
DSCM P6	E. Fagadar-Cosma, M. Petric, M. Crisan, A. Lascu, N. Plesu, D. Vlascici, L. Croitor EFFICIENT DETECTION OF TRIIODIDE ION BY UV-VIS SPECTROMETRY USING AS SENSITIVE MATERIAL A Pt(II)-PORPHYRIN <i>Romania, Moldova</i>
DSCM P7	O. Danilescu, P. Bourosh, I. Bulhac SYNTHESIS AND STRUCTURAL STUDY OF Cu(II) BINUCLEAR COMPLEXES WITH 2,6-DIACETYLPIRIDINE BIS((ISO)NICOTINOYLHYDRAZONE) <i>Moldova</i>
DSCM P8	A. Gorobet, M. Crisan, M. Petric, P. Bourosh, L. Croitor STRUCTURAL STUDY OF Ca(II) AND Ni(II) COORDINATION COMPOUNDS WITH TRIETHANOLAMINE AND 4-NITROBENZOIC ACID <i>Moldova, Romania</i>
DSCM P9	M. Pliusnina, V. Cociu, E. Benea, L. Croitor, D. Chisca SYNTHESIS AND CHARACTERIZATION OF Co(II) AND Ni(II) COORDINATION COMPLEXES WITH 4,4' -DIAMINODIPHENYLMETHANE <i>Moldova</i>
DSCM P10	D. Chisca, L. Croitor NEW DINUCLEAR Cu(II) COMPOUND WITH MALONIC ACID AND PYRAZINECARBOXAMIDE ANTIBACTERIAL AGENT: STRUCTURE AND BIOLOGICAL ACTIVITY <i>Moldova</i>
DSCM P11	M.S. Fonari, V.Ch. Kravtsov, S.Yu. Bachinskii, V.I. Pavlovsky, S.A. Andronati UNEXPECTED FORMATION OF (<i>E</i>)-4-(4-CHLOROSTYRYL)-3-(DIMETHYLAMINO)-1-METHYLQUINOLIN-2(1 <i>H</i>)-ONE <i>Moldova, Ukraine</i>

DSCM P12	L. Cuba, P. Bourosh, D. Dragancea TRINUCLEAR NICKEL(II) PIVALATE CLUSTER WITH A SEMICARBAZONE LIGAND <i>Moldova</i>
DSCM P13	M. Darii, V.Ch. Kravtsov, M. Affronte, S.G. Baca GIANT $\{Mn_{26}Tb_6\}$ AND $\{Mn_{26}Ho_6\}$ HETEROMETALLIC OXO-HYDROXO-CARBOXYLATE NANOCLUSTERS <i>Moldova, Italy</i>
DSCM P14	M. Crisan, M. Petric, P. Bourosh, L. Croitor SUPRAMOLECULAR ASSEMBLIES VIA HYDROGEN BOND INTERACTIONS OF NEW TRIETHANOLAMMONIUM CHLORONITROBENZOATES <i>Romania, Moldova</i>
DSCM P15	V. Gorinchoy, O. Cuzan-Munteanu, S. Shova CRYSTAL AND MOLECULAR STRUCTURE OF THE NEW HETEROTRINUCLEAR Fe_2Ni COMPLEX WITH 3-HYDROXY-2-NAPHTHOIC ACID <i>Moldova</i>
DSCM P16	O. Botezat, P. Kögerler, S.G. Baca DODECANUCLEAR Fe_{12} PIVALATE CLUSTER WITH A FLEXIBLE AMINOPOLYALCOHOL LIGAND <i>Moldova, Germany</i>
DSCM P17	O. Cuzan-Munteanu, S. Shova, V. Lozan SYNTHESIS AND X-RAY CHARACTERISATION OF THE NEW $Fe(II)$ COMPOUND WITH SEBACIC DIANIONS <i>Moldova</i>
DSCM P18	A. Rusnac, P. Petrenko, Yu. Chumakov, A. Gulea THE CRYSTAL STRUCTURE AND ANTITUMOR PROPERTIES OF ETHYL 4-[(DIMETHYLCARBAMOTHIOYL)AMINO]BENZOATE AND ETHYL 4-[(HYDRAZINYLCARBONOTHIOYL)AMINO]BENZOATE <i>Moldova, Turkey</i>
DSCM P19	R. Rusnac, P. Petrenko, Yu. Chumakov, M. Botnaru, A. Gulea STRUCTURE OF 2-[-3-(4-METHYLPHENYL)-1-(PYRIDIN-2-YL)PROP-2-EN-1-YLIDENE]HYDRAZINE-1-CARBOETHIOAMIDE <i>Moldova, Turkey</i>
DSCM P20	A. Rusnac, R. Rusnac, P. Petrenko, Yu. Chumakov, A. Gulea STRUCTURE OF COMPLEX COPPER WITH 4-BENZOYL-5-METHYL-2-PHENYL-2,4-DIHYDRO-3H-PYRAZOL-3-ONE N(4)-CYCLOHEXYLTHIOSEMICARBAZONE <i>Moldova, Turkey</i>
DSCM P21	E. Lucenti, E. Cariati, A. Forni, C. Botta, L. Carlucci, C. Giannini, D. Marinotto, S. Righetto and A. Previtali SYNTHESIS AND CHARACTERIZATION OF PYRIDINE-FUNCTIONALIZED CYCLIC TRIIMIDAZOLES <i>Italy</i>
DSCM P22	S. Melnic SYNTHESIS AND STRUCTURES OF NEW Mn/Ce CLUSTERS <i>Moldova</i>
DSCM P23	D. Dragancea, A. Mindru, Iu. Malaestean, S. Shova SYNTHESIS AND CRYSTAL STRUCTURE OF HETERODINUCLEAR $Ni(II)$ - $Dy(III)$ COMPLEX WITH O-VANILLIN <i>Moldova, Romania</i>
DSCM P24	M. Petric, M. Crisan, Yu. Chumakov, R. Varga, A. Micle, I. Neda, G. Ilia NEW IMINOPHOSPHORANE: SYNTHESIS, STRUCTURAL STUDY AND THEORETICAL CALCULATIONS <i>Romania, Moldova, Turkey</i>

DSCM P25	V.N. Lozovan, V.Ch. Kravtsov, E.B. Coropceanu, M.S. Fonari COORDINATION NETWORK BASED ON {Cd ₄ } NODE AND NEW LINKER 4,4'-(HYDRAZINE-1,2-DIYLIDENE)BIS(METHANYLYLIDENE)) DIBENZOIC ACID <i>Moldova</i>
DSCM P26	A.A. Vitiu, E.B. Coropceanu, P. Bourosh SYNTHESIS OF NEW Co(II) AND Ni(II) MONONUCLEAR COMPOUNDS WITH RHODANINE-3-ACETIC ACID <i>Moldova</i>
DSCM P27	D.V. Ureche, I.I. Bulhac, A.P. Rija, P. Bourosh NEW BINUCLEAR COMPOUNDS OF Zn(II) AND Mn(II) BASED ON DIANILINEGLYOXIME AND ISOPHTHALIC ACID <i>Moldova</i>
DSCM P28	A.A. Krysko, A.Yu. Korniylov, T.A. Kabanova, S.A. Andronati, V.Ch. Kravtsov SYNTHESIS, BIOLOGICAL PROPERTIES AND X-RAY STRUCTURE OF 6-(4-PIPERAZINIUM-4-YL-BENZOYLAMINO)-2-(PIPERAZIN-1-IUM)-4-OXO-3,4-DIHYDROQUINAZOLIN-1-IUM CHLORIDE SULFATE TETRAHYDRATE AS PLATELET AGGREGATION INHIBITOR AND LIGAND OF INTEGRIN $\alpha_{IIb}\beta_3$ <i>Ukraine, Moldova</i>
DSCM P29	O. Michitiuc, V.Ch. Kravtsov, S.G. Baca DINUCLEAR Cu(II) ISOBUTYRATES WITH 4-PYRIDINE CARBOXALDEHYDE AND DIMETHYL SULFOXIDE <i>Moldova</i>
DSCM P30	T. Popa, V. Drușă, S. Shova, V. Lozan SYNTHESIS AND CRYSTAL STRUCTURES OF Ni (II) COORDINATION COMPOUNDS WITH BIS-THIOSEMICARBAZONE OF 2,6-DIFORMYL-4-METHYLPHENOL <i>Moldova</i>
DSCM P31	V. Graur, V. Tsapkov, P. Petrenko, Yu. Chumakov, A. Gulea CRYSTAL STRUCTURES OF {N-PROP-2-EN-1-YL-N'-[1-(PYRIDIN-2-YL)-ETHYLIDENE]CARBAMOHDRAZONOTHIOATO}-(2,2'-BIPYRIDINE) COPPER(II) AND {N-PROP-2-EN-1-YL-N'-[1-(PYRIDIN-2-YL)ETHYLIDENE] CARBAMO-HYDRAZONOTHIOATO}-(1,10-PHENANTHROLINE) COPPER(II) NITRATES <i>Moldova, Turkey</i>
DSCM P32	P. Petrenko, Yu. Chumakov, V. Graur, V. Tsapkov, A. Gulea CRYSTAL STRUCTURES OF TRIS(4-ALLYLTHIOSEMICARBAZIDE) NICKEL(II) NITRATE AND CHLORIDE DIHYDRATES <i>Moldova, Turkey</i>
DSCM P33	V. Tsapkov, P. Petrenko, Yu. Chumakov, V. Graur, A. Gulea STRUCTURE OF NICKEL(II) COORDINATION COMPOUNDS WITH 2,2'-(PENTANE-2,4-DIYLIDENE)BIS[N-(PROP-2-EN-1-YL)HYDRAZINE CARBOTHIOAMIDE] <i>Moldova, Turkey</i>
DSCM P34	P. Petrenko, Yu. Chumakov, I. Usataia, V. Graur, V. Tsapkov, A. Gulea CRYSTAL STRUCTURES OF BIS[2-(((ETHYLSULFANYL)(PROP-2-EN-1-YLAMINO)METHYLIDENE)HYDRAZINYLIDENE)METHYL]-6-METHOXYPHENOLATE]COBALT(III) TETRACHLOROCOBALTAT(II) <i>Moldova, Turkey</i>
DSCM P35	P. Petrenko, Yu. Chumakov, T. Erhan, V. Tsapkov, A. Gulea STRUCTURES OF 1,1-DIMETHYL-3-(METHYL-, DIMETHYL-, AND THREEMETHYLPHENYL)THIOUREAS <i>Moldova, Turkey</i>

DSCM P36	P. Petrenko, Yu. Chumakov, T. Erhan, V. Tsapkov, A. Gulea X-RAY STRUCTURES OF N-(DIMETHYLPHENYL)HYDRAZINE-CARBOETHIOAMIDES <i>Moldova, Turkey</i>
DSCM P37	D. Grabco, O. Shikimaka, C. Pyrtsac, A. Prisacaru, S. Alexandrov APPLICATION OF ACOUSTIC EMISSION TECHNIQUE FOR THE EVALUATION OF MICROMECHANICAL PROPERTIES OF STEEL <i>Moldova, Russia</i>
DSCM P38	V. Bold, V.Ch. Kravtsov, E. Lucenti, E. Cariati, A. Forni, M.S. Fonari TWO Cd(II) POLYMORPHIC COMPLEXES WITH LIGAND-BASED EMISSIVE PROPERTIES <i>Moldova, Italy</i>
DSCM P39	V. Bold, V.Ch. Kravtsov, D. Chisca, L. Croitor, M.S. Fonari, E. Lucenti, E. Cariati, A. Forni STACKING PATTERNS IN THE MONONUCLEAR Zn(II) AND Cd(II) ADDUCTS WITH EMISSIVE TRIIMIDAZOLE LIGAND <i>Moldova, Italy</i>
DSCM P40	O. Botezat, J. van Leusen, P. Kögerler, J. Hauser, S. Decurtins, S.-X. Liu, S.G. Baca A CONVERSION OF HETEROMETALLIC {Fe ₆ Dy ₃ } WHEEL TO {Fe ₇ Dy ₄ } CONDENSED CLUSTER <i>Moldova, Germany, Switzerland</i>
DSCM P41	P. Bourosh, V.Ch. Kravtsov, S.Yu. Bachinskii, V.I. Pavlovsky, S.A. Andronati (E)-1-(2-AMINOPHENYL)-3-PHENYLPROP-2-EN-1-ONES: SYNTHESIS AND STRUCTURE OF NEW POLYMORPH <i>Moldova, Ukraine</i>
DSCM P42	E. Melnic, V.Ch. Kravtsov, S.Yu. Bachinskii, Yu.V. Ishkov, V.I. Pavlovsky, S.A. Andronati SYNTHESIS AND STRUCTURE OF 3-(1-NAPHTHYLMETHYLENE)-, 3-(2-NAPHTHYLMETHYLENE)-, 3-(9-ANTHRYLMETHYLENE)-, 3-(QUINOLIN-5-YLMETHYLENE)-, AND 3-(QUINOXALIN-5-YLMETHYLENE)-1,2-DIHYDRO-3H-1,4-BENZODIAZEPIN-2-ONES <i>Moldova, Ukraine</i>
DSCM P43	Z. Barbos PLASTICITY INDEXES UNDER NANO-MICROINDENTATION OF QUARTZ WITH MONO-, POLYCRYSTALLINE AND AMORPHOUS STRUCTURE <i>Moldova</i>
DSCM P44	A. Prisacaru DISLOCATION STRUCTURE UNDER INDENTATION AND SCRATCHING OF Si(100) AS A FUNCTION OF LOADING CONDITIONS <i>Moldova</i>
DSCM P45	T. Gutul STUDY OF POLYOXOTUNGSTATES CYTOTOXICITY CONTAINING COPPER ON HUMAN NEUROBLASTOMA CELL LINE SH-SY5Y <i>Moldova</i>
DSCM P46	M. Popa, O. Shikimaka, B.A. Sava, C. Tardei, M. Dumitru, L. Boroica, R. Stefan INFLUENCE OF COMPOSITION AND PREPARATION METHODS ON STRUCTURE AND MICROHARDNESS OF HYDROXYAPATITE-BIOGLASS COMPOSITES <i>Moldova, Romania</i>

DSCM P47	D. Podgornyi, V.Ch. Kravtsov, S.G. Baca TETRANUCLEAR Fe – Ln (Ln = Pr, Nd) COMPOUNDS BASED ON 1,1,1 – TRIS(HYDROXYMETHYL)ETHANE <i>Moldova</i>
DSCM P48	D. Stati, V.Ch. Kravtsov, K. Krämer, M. Affronte, S. Decurtins, S.-X. Liu, S.G. Baca A HEXADECANUCLEAR ISOBUTYRATE NANOCUSTER WITH A {Co ^{III} ₂ Co ^{II} ₁₄ } CORE <i>Moldova, Switzerland, Italy</i>
DSCM P49	M.M. Zveaghina, S.N. Sucman, E.P. Stingaci, V.Ch. Kravtsov, F.Z. Macaev SELECTIVE SYNTHESIS AND STRUCTURE OF HIGHLY FUNCTIONALISED ETHYLIDENEINDOLINONE <i>Moldova</i>
DSCM P50	M.M. Zveaghina, S.N. Sucman, F.Z. Macaev THE MOLECULAR AND CRYSTAL STRUCTURE DATA FOR AMINODERIVATIVE OF (3E)-3-(2-OXO-2-PHENYLETHYLIDENE)-1,3- DIHYDRO-2H-INDOL-2-ONE <i>Moldova</i>
DSCM P51	D. Grabco, C.M. Pyrtsac, O. Shikimaka RELAXATION PARAMETERS OF Cu/SUBSTRATE COATED SYSTEMS <i>Moldova</i>
DSCM P52	V. Nicorici, D. Grabco, Z. Barbos, M. Popa, C. Burlacu MICROMECHANICAL PROPERTIES OF THE Pb _{1-x} Yb _x Te TERNARY SEMICONDUCTORS <i>Moldova</i>
DSCM P53	I. Usataia, V. Graur, P. Petrenko, Yu. Chumakov, V. Tsapkov, A. Gulea CRYSTAL STRUCTURES OF BIS[METHYL-N-(PROP-2-EN-1-YL)-N'-(PYRIDIN- 2-YLMETHYLIDENE)CARBAMOYDRAZONOTHIOATE] ZINC(II) AND BIS[METHYL-N-(PROP-2-EN-1-YL)-N'-(PYRIDIN-2- YLMETHYLIDENE)CARBAMO-HYDRAZONOTHIOATE]NICKEL(II) IODIDES <i>Moldova, Turkey</i>
DSCM P54	P. Petrenko, Yu. Chumakov, R. Rusnac, A. Gulea THE CRYSTAL STRUCTURE OF 2-[HYDRAZINYLDENE(PHENYL)- METHYL]PYRIDINE AND 2-[HYDRAZINYLDENEMETHYL]-6- METHOXYPHENOL <i>Moldova, Turkey</i>
DSCM P55	A. Segneanu, C. Cegan, N. Vlatanescu, I. Grozescu A NEW HYBRID MATERIAL FOR BIOMEDICAL APPLICATION -DESIGN AND MORPHO-STRUCTURAL PROPERTIES <i>Romania</i>
DSCM P56	S.N. Sucman, V. Boldescu, V.Ch. Kravtsov, S. G. Baca, F.Z. Macaev THE STRUCTURE OF 5'-BROMO-2'-OXO-1',2'-DIHYDROSPIRO- [CYCLOPROPANE-1,3'-INDOLE]-2-CARBOXYLIC ACID <i>Moldova</i>
DSCM P57	D. Bilan, N. Sucman, V. Pogrebnoi, V.Ch. Kravtsov, F. Z. Macaev THE STRUCTURE OF N-GLYCOSYLATED SPIRO[OXINDOL-THIADIAZOLE] <i>Moldova</i>
DSCM P58	A.P. Shestakova, S.D. Lavrov, A.Yu. Avdizhiyan, E.D. Mishina FEATURES OF TRION AND EXCITON STATES OF TWO-DIMENSIONAL TRANSITION METAL DICHALCOGENIDES ALLOYS <i>Russia</i>

DSCM P59	M.V. Vasina, D.I. Khusyainov, A.V. Gorbatova, A.M. Buryakov, E.D. Mishina TERAHERTZ GENERATION PARAMETERS IN BULK CRYSTALLINE OF TRANSITION METAL DICHALCOGENIDES WSe_2 AND SOLID SOLUTIONS BASED ON THEM $Mo_{0.5}W_{0.5}S_2$ <i>Russia</i>
DSCM P60	K.A. Brekhov, N.A. Ilyin, E.D. Mishina PHOTOINDUCED PHONON MODES TEMPERATURE DEPENDENCE IN $Sn_2P_2S_6$ CRYSTAL <i>Russia</i>
DSCM P61	A.V. Gorbatova, D.I. Khusyainov, A.M. Buryakov, E.D. Mishina TERAHERTZ GENERATION MONOLAYER WSe_2 PROPERTIES <i>Russia</i>
DSCM P62	F.M. Muntyanu, A.J. Zaleski, K. Rogacki, V. Chistol SUPERCONDUCTING AND WEAK FERROMAGNETIC FEATURES AT INTERFACES OF BICRYSTALS OF 3D TOPOLOGICAL INSULATOR $Bi_{1-x}Sb_x$. <i>Moldova, Poland</i>
DSCM P63	D.G. Koshchug, A.N. Koshlyakova, V. S. Balitsky, S.V. Vyatkin VIBRATIONAL SPECTROSCOPY OF PIEZOELECTRIC $Si_{1-x}Ge_xO_2$ SOLID SOLUTION CRYSTALS <i>Russia</i>
DSCM P64	A.V. Tiron EXCITONIC SPECTRA AND BIREFRINGENCE IN $TiGaS_2$ SINGLE CRYSTALS <i>Moldova</i>
DSCM P65	T. Goglidze, I. Dementiev, E. Goncareenco, N. Nedeoglo, D. Nedeoglo $ZnO/ZnSe$ COMPOSITION STRUCTURES <i>Moldova</i>
DSCM P66	K. Sushkevich, E. Goncareenco, N. Nedeoglo, D. Nedeoglo PROPERTIES OF $ZnSe:Sb$ SINGLE CRYSTALS <i>Moldova</i>
DSCM P67	A. Nateprov, G. Gurieva, A. Franz, S. Schorr, V. Moshnyaga ORTHOROMBIC AND TETRAGONAL $CuMnAs$: PREPARATION AND PROPERTIES <i>Moldova, Germany</i>
DSCM P68	V.V. Ivanov, E.N. Golubeva, O.N. Sergeeva, I.P. Pronin, D.A. Kiselev, G.M. Nekrasova PECULIARITIES OF THE PROCESS OF SWITCHING POLARIZATION IN POLICRYSTALLINE THIN PZT FILMS <i>Russia</i>
DSCM P69	S.V. Senkevich, A.S. Elshin, E.D. Mishina, N.E. Sherstyuk, I.P. Pronin THE STUDY OF MICROSTRUCTURE AND SHG SIGNAL INTENSITY WITH COMPOSITIONAL VARIATION OF PZT THIN FILMS NEAR MORPHOTROPIC PHASE BOUNDARY <i>Russia</i>
DSCM P70	A.V. Kinash, A.L. Makarevich, M.S. Tokar, V.A. Chubarov VOLTAGE CONTROLLED OSCILLATOR FOR DIGITAL SYNCHRONIZATION SYSTEMS <i>Moldova</i>
DSCM P71	A.N. Nateprov, A.A. Nateprov, Yu. Goryunov WEAK QUANTUM EFFECTS IN MAGNETIC AND ELECTRONIC PROPERTIES OF E_u DOPED 3D DIRAC SEMIMETAL Cd_3As_2 AT ROOM TEMPERATURE <i>Moldova, Russia</i>

DSCM P72	G.V. Colibaba OBTAINING HIGHLY CONDUCTIVE ZnO SINGLE CRYSTALS WITH CONTROLLABLE GROWTH DIRECTION AND STOICHIOMETRIC DEVIATION <i>Moldova</i>
DSCM P73	G.V. Colibaba, V. Suman CHEMICAL VAPOR TRANSPORT OF Ga ₂ O ₃ IN SEALED CHAMBERS <i>Moldova</i>
DSCM P74	G.V. Colibaba, V. Suman, D. Rusnac, C. Rotaru MANUFACTURING HIGHLY CONDUCTIVE ZnO TARGETS <i>Moldova</i>
DSCM P75	S.V. Ovcharenko, V.R. Bilyk, K.A. Grishunin, E.D. Mishina SINGLE-CYCLE THz PULSES PROPOGATION IN FERROELECTRIC THIN FILM ON MgO SUBSTRATE <i>Russia</i>
DSCM P76	G.V. Colibaba, I. Inculet, M. Caraman DOPING EFFICIENCY BY VARIOUS METALS OF CVT ZnO SINGLE CRYSTALS <i>Moldova</i>
DSCM P77	E.P. Sheshin, D.I. Ozol, M.I. Danilkin, N.Yu. Vereschagina CATHODOLUMINESCENT UV-SOURCE USING A LITHIUM TETRABORATE PHOSPHOR <i>Russia</i>
DSCM P78	V.P. Sirkeli, K.D. Sushkevich, N.D. Nedeoglo, D.D. Nedeoglo, O. Yilmazoglu, F. Küppers, H.L. Hartnagel LOW-TEMPERATURE NEAR-BAND-EDGE PHOTOLUMINESCENCE OF ZnSe(I):Sb CRYSTALS <i>Moldova, Germany</i>
DSCM P79	A.V. Racu INFLUENCE OF THE Er ³⁺ DOPANT CONCENTRATION ON THE PHOTOLUMINESCENCE OF Y _{2-x} Er _x O ₃ MICROPOWDERS <i>România, Moldova</i>
DSCM P80	I.I. Geru, N.I. Gaiu, V.V. Gorincioi FINDING THE MAIN VALUES OF g- AND a-TENSORS FOR [CuBa(SalH) ₄ (DMAA) ₄ (H ₂ O)] SINGLE CRYSTAL <i>Moldova</i>
DSCM P81	I.I. Geru, N.I. Gaiu, V.V. Gorincioi FINDING THE MAIN VALUES OF g- AND a-TENSORS FOR [CuCa(SalH) ₄ (DMAA) ₄ (H ₂ O)] SINGLE CRYSTAL <i>Moldova</i>
DSCM P83	D.I. Khusyainov, A.M. Buryakov, E.D. Mishina THz GENERATION IN INGAAS/INALAS SUPERLATTICE: DEPENDENCE OF THE OPTICAL EXCITATION WAVELENGTH <i>Russia</i>
DSCM P84	Z. Seidov, V. Tsurkan, H-A. Krug von Nidda, I. Filippova, D. Croitori, A. Günther, A. Kiiamov, L. Tagirov, F. Vagizov, T. Gavrilova, A. Loidl MAGNETIC PROPERTIES OF CHAIN ANTIFERROMAGNETS KFeS ₂ AND RbFeSe ₂ <i>Germany, Azerbaijan, Moldova, Russia</i>
DSCM P85	Yu. Chumakov, G. Bayram THEORETICAL STUDY OF COVALENT ORGANIC FRAMEWORKS THERMOELECTRICAL PROPERTIES: BULK AND MONOLAYER STRUCTURES. <i>Moldova, Turkey</i>

DSCM P86	A.Y. Avdizhiyan, A.V. Kudryavtsev, S.D. Lavrov, A.P. Shestakova, E.D. Mishina RESEARCH OF THE OPTICAL PROPERTIES IN MULTILAYER SEMICONDUCTOR HETEROSTRUCTURES BASED ON TWO-DIMENSIONAL TRANSITION METAL DICHALCOGENIDES <i>Russia</i>
DSCM P87	D.E. Hurova, A.I. Prokhvatilov, N.N. Galtsov STRUCTURE OF LOW-TEMPERATURE PHASE OF SOLID MONOILANE SiH ₄ <i>Ukraine</i>
DSCM P88	I.G. Stamov, D.V. Tkachenko, N.N. Syrbu PHOTOELECTRIC AND ELECTRICAL PROPERTIES OF HETEROJUNCTIONS ON CADMIUM TETRAPHOSPHIDE WITH ZINC OXIDE <i>Moldova</i>
DSCM P89	O. Danilescu, E. Gorincioi ¹ H AND ¹³ C NMR CHARACTERIZATION OF 2,6-DIACETYLPIRIDINE BIS(NICOTINOYLHYDRAZONE) <i>Moldova</i>
DSCM P90	D. Shepel, M. Rusu, E. Vieru INFRARED SPECTROSCOPY INVESTIGATION OF HUMAN URINARY STONES OF PATIENTS FROM THE REPUBLIC OF MOLDOVA <i>Moldova</i>

September 27, Thursday

Hall 1	Plenary Session Chairs: S. Schorr, J. Sort (8.30 - 10.45)
8.30 - 9.00	M.J. Zaworotko CRYSTAL ENGINEERING: THEN AND NOW <i>Ireland</i>
9.00 - 9.30	G.A. Tsirlina ELECTROCRYSTALLIZATION OF OXIDES <i>Russia</i>
9.30 - 10.00	E. Lähderanta, E. Arushanov, E. Hajdeu-Chicarosh, M. Guc, I.V. Bodnar, M. Shakhov, S. Levcenko, I. Zakharchuk, K.G. Lisunov MAGNETOTRANSPORT AND CHARGE TRANSFER MECHANISMS IN QUATERNARY CHALCOGENIDES <i>Finland, Moldova, Belarus, Russia, Germany</i>
10.00 - 10.30	S. Giraldo, Y. Sánchez, M. Placidi, V. Izquierdo-Roca, A. Pérez-Rodríguez, E. Saucedo DOPING AND ALLOYING STRATEGIES FOR KESTERITES <i>Spain</i>
10.30 - 11.00	Coffee break
Hall 1	Plenary Session Chairs: S. Uchida, M. Remškar (11.00 - 12.30)
11.00 - 11.30	I.N. Mihailescu, C. Ristoscu, M. Badiceanu, A. Bigi BIOACTIVE AND ANTIMICROBIAL THIN FILMS FABRICATED BY ADVANCED PULSED LASER TECHNOLOGIES <i>Romania, Italy</i>
11.30 - 12.00	E.D. Mishina TWO-DIMENSIONAL SEMICONDUCTORS FOR OPTOELECTRONICS <i>Russia</i>
12.00 - 12.30	E.A. Zhukov, E. Kirstein, N.E. Kopteva, F. Heisterkamp, I.A. Yugova, V.L. Korenev, D.R. Yakovlev, A. Pawlis, M. Bayer, A. Greilich DISCRETIZATION OF THE TOTAL MAGNETIC FIELD BY THE NUCLEAR SPIN BATH IN FLUORINE-DOPED ZnSe <i>Germany, Russia</i>
12.30 - 14.00	Lunch

September 27, Thursday

Hall 3	Plenary Session Workshop Chairs: E. Arushanov, E. Saucedo (11.00 - 12.30)
11.00 - 11.30	S. Schorr, G. Gurieva STRUCTURAL DISORDER IN KESTERITE-TYPE SEMICONDUCTORS: THE DIFFERENCE BETWEEN Cu-Zn DISORDER AND POINT DEFECTS <i>Germany</i>
11.30 - 12.00	M. León, S. Levcenko, R. Serna, E. Garcia-Llamas, J.M. Merino, R.Caballero, E. Arushanov A REVIEW OF SPECTROSCOPIC ELLIPSOMETRY STUDY OF KESTERITE TYPE COMPOUNDS: OPTICAL FUNCTIONS AND INTERBAND CRITICAL POINTS <i>Spain, Germany, Moldova</i>
12.00 - 12.30	J. Sorty Training: 'CASE STUDIES' ON H2020 PROJECTS ON SUSTAINABILITY AND ENERGY EFFICIENCY: INNOVATIVE TRAINING NETWORKS AND ERC GRANTS <i>Spain</i>
12.30 - 14.00	Lunch

Hall 3	Oral Session New Materials and Approaches for Renewable Energy Applications (MAREA)/Workshop Chairs: M. Leon, N. Tsyntsaru (14.00 -16.15)
14.00-14.15	V.A. Loiko, A.A. Miskevich, N.A. Loiko SOLAR CELL BASED ON DISPERSED ACTIVE LAYER: SPATIAL ORGANIZATION OF CRYSTALLINE SILICON PARTICLES AND ABSORPTION OF RADIATION <i>Belarus</i>
14.15-14.30	G. Gurieva, R. Ferreira, K. Ritter, L.E. Valle Rios, D.M. Töbrens, G. Schuck, C.S. Schnohr, S. Schorr INVESTIGATION OF THE DETECTION LIMITS OF ZnSe AND Cu ₂ SnSe ₃ SECONDARY PHASES IN Cu ₂ ZnSnSe ₄ BY XANES <i>Germany, Portugal</i>
14.30-14.45	S. Anghel, F. Passmann, A.V. Poshakinskiy, S.A. Tarasenko, G. Karczewski, T. Wojtowicz, A.D. Bristow, M. Betz EMERGENCE OF THE PERSISTENT SPIN HELIX IN CdTe QUANTUM WELLS <i>Germany, Russia, Poland, USA</i>
14.45-15.00	Y.M. Aniskevich, A.S. Bakavets, G.A. Ragoisha, E.A. Streltsov, H. Cesiulis, N. Tsyntsaru ELECTRODEPOSITION OF (Bi ₂) _m (Bi ₂ Te ₃) _n SUPERLATTICES WITH TUNABLE Bi CONTENT <i>Belarus, Lithuania, Moldova</i>
15.00-15.15	R. Levinas, N. Tsyntsaru, H. Cesiulis INVESTIGATION ON THE HYDROGEN EVOLUTION ELECTROCATALYTIC ACTIVITY OF ELECTRODEPOSITED MoS ₂ <i>Lithuania, Moldova</i>
15.15-15.30	M. Vainoris, N. Tsyntsary, H. Cesiulis ELECTRODEPOSITED COBALT FOAMS AS CATALYSTS AND SENSORS FOR DETECTION OF FREE CHLORINE IN WATER <i>Lithuania, Moldova</i>
15.30-15.45	E. Vernickaitė, N. Tsyntsaru, H. Cesiulis ELECTRODEPOSITED IRON-GROUP METALS ALLOYS WITH W AND Mo FOR ALKALINE HYDROGEN EVOLUTION REACTION <i>Lithuania, Moldova</i>

15.45-16.00	L. Cojocar, K. Wienands, S. Rafizadeh, A.J. Bett, J.C. Goldschmidt, S.W. Glunz EVAPORATED PEROVSKITE BASED ON CH ₃ NH ₃ PbI ₃ FOR HIGH PERFORMANCE SOLAR CELLS <i>Germany</i>
16.00-16.15	G.Y. Ayvazyan, D.V. Aghabekyan, L.M. Lakhoyan PASSIVATION OF BLACK SILICON SOLAR CELLS WITH THERMAL SiO ₂ FILM <i>Armenia</i>

Hall 1	Oral Session Digital and Optical Holography: Materials and Methods (DOH) Chairs: V. Abaskin, A. Stronskii (14.00 -16.15)
14.00-14.15	J. Burunkova, S. Molnar, D. Kussainova, M. Uspenskaya, M. Baranov, R. Bohdan, T.Nosenko, S. Kokenyesi ACRYLATE POLYMER NANOCOMPOSITES FOR DIRECT OPTICAL RELIEF RECORDING <i>Russia, Hungary</i>
14.15-14.30	S. Moujdi, D.V. Nesterenko, A. Rahmouni, Y. Bougdid, Z. Sekkat ALL-OPTICAL CONTROL OF HOLOGRAM RECORDING EFFICIENCY IN AZO DYE DOPED POLYMER FILMS <i>Morocco, Russia, Japan</i>
14.30-14.45	L.O. Revutska, A. Meshalkin, M.V. Popovych, K.V. Shportko, A.V. Stronski, E. Achimova, A. Korchovyi, O.P. Paiuk, A.Y. Gudymenko, A.O. Gubanov Ag-As-S CHALCOGENIDE GLASSES: PROPERTIES AND APPLICATIONS <i>Ukraine, Moldova</i>
14.45-15.00	M. Vlcek, K. Palka, S. Slang, L. Loghina, A. Iakovleva, M. Grinco CHEMICAL AND PHYSICAL ORIGIN OF HIGH RESOLUTION CHALCOGENIDE GLASSES STRUCTURING <i>Czech Republic</i>
15.00-15.15	D. Tsiulyanu, M. Ciobanu, I. Stratan OPTICAL MONITORING OF SOLID ELECTROLITES FORMATION IN QUATERNARY ALLOYS Ag: AsS ₃ -GeS ₄ AND THEIR ANALYSIS <i>Moldova</i>
15.15-15.30	V.V. Podlipnov, S.N. Khonina, R.V. Skidanov DESIGN, TECHNOLOGY OF FABRICATION OF DIFFRACTIVE OPTICAL ELEMENTS AND THEIR INVESTIGATION IN THE IPSI RAS <i>Russia</i>
15.30-15.45	G. Pedrini, I. Alekseenko, W. Osten, G. Jagannathan, M. Kempenaars, G. Vayakis MULTI-WAVELENGTH DIGITAL HOLOGRAPHY FOR EROSION MEASUREMENTS INSIDE THE ITER REACTOR <i>Germany, France</i>
15.45-16.00	C. Cruz, V. Katkovnik, K. Egiazarian IMAGE RESTORATION BASED ON NEURAL NETWORKS AND NONLOCAL DENOISING <i>Finland</i>
16.00-16.15	V. Katkovnik, I. Shevkunov, N.V. Petrov, K. Egiazarian MULTIWAVELENGTH COHERENT PHASE IMAGING FROM NOISY INTENSITY OBSERVATIONS <i>Finland, Russia</i>

Poster Session Surface Engineering and Applied Electrochemistry (SEAE) Chairs: S. Silkin, A. Dikumar (14.00 – 16.00)	
SEAE P1	V.F. Gologan, Zh.I. Bobanova, S.C. Ivashku, S.P. Sidelnicova THE INFLUENCE OF THE SPECTRUM OF THE VARIABLE COMPONENTS OF THE CURRENT (VOLTAGE) ON THE PROCESS OF DEPOSITION AND PROPERTIES OF THE ELECTROPLATED COATINGS <i>Moldova</i>
SEAE P2	S.Yu. Shadrin, M. Ptitsina DETERMINATION OF HEAT FLUX INTO A WORKPIECE TREATET WITH JET PLASMA ELECTROLYTIC HEATING <i>Russia</i>
SEAE P3	S.T. Sklifos THERMAL MODIFICATION OF COMPOSITE ELECTROCHEMICAL IRON-BORON CARBIDE COATINGS <i>Moldova</i>
SEAE P4	A.M. Kuzei, V.A. Filimonov, S.V. Yakubovskaya THE MECHANISM OF ELECTRODEPOSITION OF POLYMETALLIC NICKEL-COBALT-IRON-TUNGSTEN-CARBON COATINGS <i>Belarus</i>
SEAE P5	A.N. Sofronkov, O.V. Zhuk , M.G. Vasilieva CARBOXYLASE APPLIED ON CARBON MATERIALS AS AN OXYGEN ELECTRODE OF FUEL ELEMENTS <i>Ukraine, Poland</i>
SEAE P6	A.M. Paramonov, V.V. Parshutin, A.V. Koval' USE OF A METHOD OF ELECTROCHEMICAL PROCESSING FOR CREATION OF HEAT-EXCHANGING PIPES OF THE INCREASED EFFICIENCY <i>Moldova</i>
SEAE P7	A.M. Paramonov, V.V. Parshutin, A.V. Koval' THE INSTALLATION FOR SERIAL PRODUCTION OF THE INFORMATION PROTECTED BARCODES <i>Moldova</i>
SEAE P8	V.V. Parshutin, A.M. Paramonov, A.V. Koval' THE METHOD AND ELECTRODE TOOL FOR CREATION OF IDENTIFICATION TAG ON METAL <i>Moldova</i>
SEAE P9	V.V. Parshutin, A.M. Paramonov, A.V. Koval' THE METHOD OF LASER AND ELECTROCHEMICAL IDENTIFICATION OF AN ELECTROCONDUCTIVE OBJECT <i>Moldova</i>
SEAE P10	A.M. Paramonov, V.V. Parshutin, A.V. Koval' NEW METHOD OF IDENTIFICATION WITH USE OF AN ALPHANUMERIC CODE AND A NEW METHOD OF ITS PRODUCTION <i>Moldova</i>
SEAE P11	V.V. Parshutin, A.M. Paramonov, A.V. Koval' METHOD OF IDENTIFICATION AND THE DEVICE FOR READING OF A BARCODE IN A TRUNK OF SMALL ARMS <i>Moldova</i>
SEAE P12	A.D. Davydov, T.B. Kabanova, V.M. Volgin MODELING OF MASS TRANSFER DURING ANODIC DISSOLUTION OF TUNGSTEN ROTATING DISK ELECTRODE IN ALKALINE SOLUTIONS <i>Russia</i>

SEAE P13	V.M. Volgin, V.V. Lyubimov, I.V. Gnidina, T.D. Nguyen SIMULATION OF ELECTRICAL DISCHARGE MACHINING USING MULTIDISCHARGE MODEL <i>Russia</i>
SEAE P14	V.V. Mikhailov, V.I. Agafii, N.N. Kazak TRIBOLOGICAL CHARACTERISTICS OF MULTICOMPONENT COATINGS SYNTHESIZED ON STEEL 45 IN THE PROCESS OF ELECTROSPARK ALLOYING WITH A MIXTURE OF POWDERS <i>Moldova</i>
SEAE P15	F.P. Grosu, M.K. Bologa TOWARDS THE DERIVATION OF HYDRODYNAMICS EQUATIONS BY THE DIMENSIONAL ANALYSIS METHOD <i>Moldova</i>
SEAE P16	A. Papchenko, M.K. Bologa, N. Popova KINETICS OF DRYING GRAPES WITH ELECTROPLASMOLYSIS BY BIPOLAR PULSES <i>Moldova</i>
SEAE P17	A. Avdeev TRANSMISSION OF ALTERNATING AND PULSE CURRENTS IN AQUEOUS SOLUTIONS THROUGH A DIELECTRIC BARRIER <i>Moldova</i>
SEAE P18	V.V. Goremichin, V.V. Crupnic, S.V. Vasil'eva, E.G. Sharkova, V.P. Zagvozdin, A.S. Smolyanskii X-RAY COMPUTED TOMOGRAPHY STUDY OF POLYETHYLENE POROUS MEDIA FILLED BY HALLOYSITE NANOTUBES <i>Moldova, Russia</i>
SEAE P19	P.G. Dumitras, M.K. Bologa, S.N. Maslobrod, T.D. Shemyakova, G.C. Balan EFFECT OF ULTRASONIC TREATMENT ON THE SEED GERMINATION AND EMERGENCE OF SEEDLINGS OF TRITICALE <i>Moldova</i>
SEAE P20	B.L. Krit, A.V. Apelfeld, V.B. Ludin, I.D. Fedichkin, M.V. Gerasimov, N.L. Bogdashkina, A.I. Shcherbakov EFFECT OF Ni, Co OR Fe SALTS ADDITIVES INTO ELECTROLYTE FOR MICROARC OXIDATION ON CHARACTERISTICS OF COATINGS FORMED ON TITANIUM <i>Russia</i>
SEAE P21	I.V. Cojevnicov, M.K. Bologa, F.P. Grosu, O.V. Motorin STABILITY OF CHARACTERISTICS OF A MULTISTAGE ELECTROHYDRODYNAMIC CONVERTER <i>Moldova</i>
SEAE P22	O.I. Mardarskii, M.K. Bologa, I.M. Cernica, I.V. Kozhevnikov INFLUENCE OF ELECTROHYDRODYNAMIC LIQUID FLOW ON HEAT TRANSFER AT BOILING <i>Moldova</i>
SEAE P23	V.S. Rudnev, I.V. Lukiyanchuk, M.S. Vasilyeva, I.V. Chasovnikov Sn-CONTAINING OXIDE COATINGS: FORMATION, COMPOSITION, AND CATALYTIC PROPERTIES <i>Russia</i>
SEAE P24	V.S. Rudnev, I.V. Malyshev, T.P. Yarovaya, P.M. Nedorozov ON ANTI-CORROSION PROPERTIES OF PLASMA ELECTROLYTIC COATINGS ON VALVE METALS <i>Russia</i>

SEAE P25	I.M. Cernica CALCULATION OF RESISTANCE FORCE AT INCOMPRESSIBLE VISCOUS FLUIDS LAMINAR MOTION <i>Moldova</i>
SEAE P26	M.K. Bologa, T.G. Stepurina, V.Gh. Vrabie, O.K. Iliasenco, A.A. Policarpov, V.P. Gonciaruc, I.V. Paladii, C.Gh. Sprincean, E.Gh. Vrabie RECOVERY OF ESSENTIAL AMINO ACIDS IN PROTEIN MINERAL CONCENTRATES AT ELECTROPHYSICAL PROCESSING OF WHEY <i>Moldova</i>
SEAE P27	M.K. Bologa, T.G. Stepurina, V.Gh. Vrabie, A.A. Policarpov, V.P. Gonciaruc, I.V. Paladii, C.Gh. Sprincean, E.Gh. Vrabie RECOVERY OF NON-ESSENTIAL AMINO ACIDS IN PROTEIN MINERAL CONCENTRATES AT ELECTROPHYSICAL PROCESSING OF WHEY <i>Moldova</i>
SEAE P28	M.K. Bologa, T.G. Stepurina, A.A. Policarpov, V.Gh. Vrabie, V. P. Gonciaruc, I.V. Paladii, C.Gh. Sprincean, E.Gh. Vrabie RECOVERY OF AMINO ACIDS IN PROTEIN MINERAL CONCENTRATES AT ELECTROPHYSICAL PROCESSING OF WHEY AT DIFFERENT PH AND TEMPERATURE VALUES <i>Moldova</i>
SEAE P29	P.G. Dumitras, M.K. Bologa, T.D. Cubritskaya, E.P. Stingaci, T.D. Shemyakova, G.C. Balan INTENSIFICATION OF EXTRACTION OF BIOLOGICALLY ACTIVE SUBSTANCES UNDER THE ACTION OF THE SONOCAPILLARY EFFECT <i>Moldova</i>
SEAE P30	Zh.I. Bobanova, V.I. Petrenko, G.F. Volodina MICRODISTRIBUTION OF ELECTROLYTIC ALLOYS OF COBALT AND IRON WITH TUNGSTEN <i>Moldova</i>
SEAE P31	T. Datsko, V. Zelentsov ADSORPTION BEHAVIOR OF PHOTOCATALYST DDT (DIATOMITE / NANOSIZED TiO ₂) <i>Moldova</i>
SEAE P32	I.I. Vutcariova PREPARATION OF LACTIC ACID FROM FERMENTED WHEY <i>Moldova</i>
SEAE P33	V.V. Mikhailov, A.I. Shkurpelo, N.N. Kazak, I.N. Pogrelyuk, V.S. Trush, A.G. Lukyanenko MODIFICATION OF THE SURFACE OF TITANIUM DURING COMPLEX TREATMENT WITH NITRIDING, OXIDATION AND ELECTROEROSIVE ALLOYING <i>Moldova, Ukraine</i>
SEAE P34	T. Cuciuc, M.K. Bologa CONTROL OF FLOW AND HEAT TRANSFER AROUND A CYLINDER THROUGH THE ACTION OF HYDRODYNAMIC CAVITATION <i>Moldova</i>
SEAE P35	T. Cuciuc HEAT TRANSFER ENHANCEMENT AROUND A CYLINDER WITH ELECTROLYTIC BUBBLE INJECTION IN BOUNDARY LAYER <i>Moldova</i>

SEAE P36	V.I. Ivanov INVESTIGATIONS OF THE INTERDEPENDENCE OF TECHNOLOGICAL AND ENERGY PARAMETERS OF THE PROCESS OF ELECTROSPARK ALLOYING <i>Russia</i>
SEAE P37	V.A. Sharagov, S.V. Raifura, G.A. Lysenko ANALYSIS OF HOMOGENEITY OF SURFACE LAYERS OF SHEET GLASS PRODUCED BY DIFFERENT MANUFACTURING PLANTS USING THE METHOD OF SECTION ETCHING BY HF SOLUTION <i>Moldova</i>
SEAE P38	S.A. Silkin, E.N. Aksenov, E.A. Likrizon, V.A. Petrenko, A.I. Dikusar OF HEAT-RESISTENT CHROMIUM-NICKEL ALLOYS HIGH-RATE ANODIC DISSOLUTION LOCALIZATION IN ELECTROLYTES FOR ELECTROCHEMICAL MACHINING <i>Russia, Moldova</i>
SEAE P39	S.A. Silkin, S.R. Koriakina, E.N. Plusnina, A.S. Perkov, E.N. Aksenov PROSPECTS OF IMPROVING WEAR-RESISTANCE OF THREADED CONNECTIONS BY PLASMA-ELECTROLYTIC TREATMENT <i>Russia, Moldova</i>
SEAE P40	V.A. Sharagov, G.I. Curicheru REVEALING REASONS OF DECREASE IN MECHANICAL STRENGTH OF GLASS CONTAINERS AT THE PRODUCTION STAGE <i>Moldova</i>
SEAE P41	V.A. Sharagov, M.I. Agachi, I.N. Olaru FACTORS AFFECTING THE MECHANICAL STRENGTH OF GLASS CONTAINERS EXPOSED TO IMPULSE MAGNETIC FIELD <i>Moldova</i>
SEAE P42	Iu.A. Bosneaga, E.I. Agarwal ABOUT ADVANCEMENTS IN BREAST CANCER DIAGNOSTICS AND TREATMENT DUE TO APPLICATION OF MICROWAVES <i>Moldova</i>
SEAE P43	S.V. Siutkin, O.A. Bolotin, M.K. Bologa, A.M. Paramonov, A.V. Koval' MEHANO-CHEMICAL MODIFYING OF MATERIALS IN A MAGNETOFLUIDISED LAYER <i>Moldova</i>
SEAE P44	V.A. Sharagov, G.G. Duca, I.A. Burcovschi INFLUENCE OF CHEMICAL COMPOSITION OF INDUSTRIAL GLASSWARE OF DIFFERENT PURPOSES ON THE INTENSITY OF THEIR DEALKALIZATION BY GASEOUS REAGENTS <i>Moldova</i>
SEAE P45	V.V. Danilchuk EFFECT OF ANODE PROCESSES ON MECHANICAL PROPERTIES AND RATE OF Co-W AND Fe-W ELECTRODEPOSITION NANOCRYSTALLINE COATINGS <i>Moldova</i>
SEAE P46	T.G. Penyashki, D.D. Radev, M.K. Kandeve, G.D. Kostadinov STRUCTURAL AND TRIBOLOGICAL PROPERTIES OF MULTICOMPONENT COATINGS ON 45 AND 210CR12 STEELS OBTAINED BY ELECTROSPARK DEPOSITION WITH WC-B ₄ C-TIB ₂ – NI-CR-CO-B-SI ELECTRODES <i>Bulgaria</i>
SEAE P47	G.D. Kostadinov, T. G. Penyashki, D.D. Radev MATHEMATICAL MODELING OF ROUGHNESS CHANGING OF HARD METAL COATINGS OBTAINED BY CONTACTLESS ELECTRICAL SPARK DEPOSITION <i>Bulgaria</i>

September 27, Thursday

SEAE P48	S.A. Kusmanov, S.S. Korableva, I.V. Tambovskiy, S.R. Koryakina, I.A. Kusmanova, P.N. Belkin PLASMA ELECTROLYTIC POLISHING OF STEEL SURFACE AFTER ANODIC SATURATION WITH INTERSTITIAL ELEMENTS <i>Russia</i>
SEAE P49	A. Burlacu, N. Leporda, L. Ghimpu RAMAN SPECTRA OF ZnO LAYERS PRODUCED BY MAGNETRON SPUTTERING <i>Moldova</i>
SEAE P50	N.I. Korneychuk IMPROVING THE TRIBOLOGICAL CHARACTERISTICS OF THE WEAR-RESISTANT ELECTROLYTIC COATING OF CHROMIUM AND IRON <i>Moldova</i>

September 28, Friday

Hall 1	Plenary Session Chairs: E. Lähderanta, T.N. Dey (8.30 – 9.00) Chairs: V.V. Ursaki, E.A. Zhukov (11.30 – 12.30)
8.30 - 9.00	A.A. Popescu SURFACE PLASMONIC RESONANCE: PHYSICS AND APPLICATIONS FOR OPTOELECTRONICS <i>Romania</i>
9.00 - 9.30	V. Tsurkan, L. Prodan, V. Felea, J. Deisenhofer, H.-A. Krug von Nidda, A. Miyata, T. Nomura, Y. Skourski, S. Zherlitsyn, O. Portugall, J. Wosnitza, A. Loidl FRUSTRATED MAGNETIC SPINELS IN ULTRA-HIGH MAGNETIC FIELDS <i>Germany, Moldova, France</i>
9.30 - 10.00	V.M. Fomin TOPOLOGY- AND GEOMETRY-DRIVEN EFFECTS IN NANOARCHITECTURES <i>Germany</i>
10.00 - 10.30	M.A. Macovei ENHANCING ULTRASLOW TRANSITIONS IN COOPERATIVELY INTERACTING MULTI-ATOM SAMPLES <i>Moldova</i>
10.30 - 11.00	Coffee break
11.00 - 11.30	Y. Tratsiak, Yu. Bokshits, M. Korjik, G. Tamulaitis, E. Trusova, S. Kichanov, A. Vaitkevičius, G. Shevchenko SYNTHESIS AND INVESTIGATION OF THE COMPLEX COMPOUNDS WITH GARNET STRUCTURE <i>Belarus, Lithuania, Russia</i>
11.30 - 12.00	A.G. Ulyashin CURRENT TRENDS IN SI BASED PV * <i>Norway</i>
12.00 - 12.30	Closing Ceremony

9.00 - 12.00	Hall 3 Project Meeting H2020-MSCA-RISE-2017-777968 “International cooperation for the development of cost-efficient kesterite/c-Si thin film next generation tandem solar cells - INFINITE-CELL”
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