



ACCEPTED ABSTRACTS
18th International Balkan Workshop on Applied Physics and Materials Science
10-13 July 2018 Constanta, ROMANIA

No	Conference	First Name	Presenting author		City	Country	Section	Abstract Title	Presentation Type
			Family Name	Affiliation					
1	IBWAP 2018	Kazuo	TANAKA	Extreme Light Infrastructure-Nuclear Physics	Bucharest	Romania		WHERE DOES ELI-NP STAND?	plenary presentation
2	IBWAP 2018	Roman	SCHRITTWIESER	Institute for Ion Physics and Applied Physics, University of Innsbruck	Innsbruck	Austria		PROBES FOR MEASUREMENTS IN FUSION PLASMAS	plenary presentation
3	IBWAP 2018	Lucian	PINTILIE	National Institute of Materials Physics	Magurele-Ilfov	Romania		RECENT DEVELOPMENTS IN THE FIELD OF EPITAXIAL FERROELECTRICS	plenary presentation
4	IBWAP 2018	Sergey	KICHANOV	Joint Institute for Nuclear Research	Dubna	Russian Federation	1	THE NEUTRON RADIOGRAPHY AND TOMOGRAPHY METHOD ON IBR-2 REACTOR: OPPORTUNITIES, ACHIEVEMENTS AND PROS	invited presentation
5	IBWAP 2018	Silviu	POLOSAN	National Institute of Materials Physics	Magurele	Romania	1	EFFICIENCY ENHANCEMENT OF IRIIDIUM-BASED ORGANOMETALLIC LIGHT EMITTING DIODES	invited presentation
6	IBWAP 2018	Cristian	LUNGU	National Institute for Laser, Plasma and Radiation Physics	Magurele	Romania	2	MICROWAVE VAPORIZATION AND IONIZATION OF THE METAL WIRES WITH LOW ELECTRICAL CONDUCTIVITY	invited presentation
7	IBWAP 2018	Rares	SUVAILA	“Horia Hulubei” National Institute of Physics and Nuclear Engineering	Magurele	Romania	3	ENTANGLED GAMMA PHOTONS	invited presentation
8	IBWAP 2018	Maria	BALASOIU	Joint Institute for Nuclear Research	Dubna	Russian Federation	4	ON THE STABILITY OF COBALT FERRITE MAGNETIC FLUIDS INVESTIGATED BY MEANS OF STRUCTURAL METHODS	invited presentation



Ovidius University of Constanta
 Faculty of Applied Sciences and Engineering
 Address: Bvd. Mamaia 124, Constanta, 900527, Romania
 Tel.: +40 241 606 434, Fax: +40 241 618372
 E-mail: fcetp@univ-ovidius.ro, Web: www.univ-ovidius.ro



9	IBWAP 2018	Marilena	FERBINTEANU	University of Bucharest	Bucharest	Romania	4	METAMAGNETIC BEHAVIOUR IN MN(III) 1D COMPLEXES	invited presentation
10	IBWAP 2018	Dmitry	NIKOLAYEV	Joint Institute for Nuclear Research	Dubna	Russia	4	COMPLEX ANALYSIS OF THE BIVALVIA MOLLUSCS SHELLS BY MEANS OF PHYSICAL TECHNIQUES	invited presentation
11	IBWAP 2018	Mircea	DRAGOMAN	Research Centre for Integrated Systems Nanotechnologies and Carbon Based Nanomaterials (CENASIC) - I	Bucharest	Romania	5	ATOMICALLY THIN 1 AND DEVICES: FROM FLAKES PEELED WITH A SCOTCH TAPE UP TO 4 INCH WAFERS	invited presentation
12	IBWAP 2018	Hossein	BORDBAR	Shiraz University / University of Waterloo	Shiraz / Waterloo	Iran / Canada	1	LIQUID PHASE OF 3HE ON A CORRUGATED GRAPHENE	invited presentation
13	IBWAP 2018	Milan	TICHY	Charles University, Institute of Physics, Academy of Sciences	Prague	Czech Republic	2	FLOATING HARMONIC PROBE DIAGNOSTICS IN DC CONTINUOUS AND PULSED REGIMES	invited presentation
14	IBWAP 2018	Birgani	TAHMASEBI	Ahvaz Jundishapur University of Medical Sciences	Ahvaz	Iran	3	THE COMBINATION OF WEDGE FIELDS FOR DETERMINING AN ARBITRARY EFFECTIVE WEDGE ANGLES, IS NOVEL STRATEGY IN RADIOTHERAPY	invited presentation
15	IBWAP 2018	Victor	CIUPINA	Ovidius University of Constanta	Constanta	Romania	1	NANOSTRUCTURED CARBON-TITANIUM MULTILAYER FILMS OBTAINED BY THERMIONIC VACUUM ARC METHOD	invited presentation
16	IBWAP 2018	Claudia	CHILOM	Univ. of Bucharest, Faculty of Physics	Bucharest	Romania	4	BIO-MOLECULAR INTERACTIONS: SPECTROSCOPIC CONCEPTS AND APPLICATIONS	invited presentation
17	IBWAP 2018	Diana	BENEA	Babes-Bolyai University	Cluj-Napoca	Romania	1	NEAR COMPENSATED FERRIMAGNETISM IN THE HALF-METALLIC MN-CO-V-AL HEUSLER ALLOYS	oral presentation
18	IBWAP 2018	Cezar	COMANESCU	National Institute of Materials Physics	Magurele	Romania	1	MESOPOROUS COBALT FERRITE NANOPARTICULATE SYSTEMS: SYNTHESIS, MAGNETIC AND CATALYTIC PROPERTIES	oral presentation



Ovidius University of Constanta
 Faculty of Applied Sciences and Engineering
 Address: Bvd. Mamaia 124, Constanta, 900527, Romania
 Tel.: +40 241 606 434, Fax: +40 241 618372
 E-mail: fcetp@univ-ovidius.ro, Web: www.univ-ovidius.ro



19	IBWAP 2018	Monica	ENCULESCU	National Institute of Materials Physics	Magurele	Romania	1	DYE-DOPED POLYMER NANOFIBERS FABRICATED BY ELECTROSPINNING TECHNIQUE	oral presentation
20	IBWAP 2018	Ion	GROSU	Babes-Bolyai University	Cluj-Napoca	Romania	1	SELF ASSEMBLY PROSESSES AND THEIR APPLICATIONS IN THE FIELD OF ORGANIC SOLAR CELLS	oral presentation
21	IBWAP 2018	Laura	HROSTEA	Alexandru Ioan Cuza University of Iasi	Iasi	Romania	1	MEASUREMENT OF OPTICAL CONSTANTS IN P3HT AND P3HT:PCBM THIN FILMS BY SPECTROPHOTOMETRY AND SPECTROSCOPIC ELLIPSOMETRY	oral presentation
22	IBWAP 2018	Anca-Luiza	IONESCU	Univesry "Politehnica" Bucharest	Bucuresti	Romania	1	ROLE OF INTERFACE LAYER IN ELECTROCHEMICAL IMPEDANCE SPECTROSCOPY OF IONIC ELECTROLYTES IN CELLS WITH DIFFERENT THICKNESSES	oral presentation
23	IBWAP 2018	Alexandru	IORGA	INC DIE ICPE-CA	Bucuresti	Romania	1	FERROMAGNETIC MICROWIRES WITH LOW CURIE TEMPERATURE FOR SENSOR APPLICATIONS	oral presentation
24	IBWAP 2018	Evgenii	LUKIN	Joint Institute for Nuclear Research	Dudna	Д ДІНІНІД,Н Ж	1	HIGH-PRESSURE NEUTRON DIFFRACTION FACILITIES ON IBR-2 REACTOR	oral presentation
25	IBWAP 2018	Pascu	MOCA	Universitatea Oradea	Oradea	Romania	1	NOISE OF A CHARGELESS FERMI LIQUID	oral presentation
26	IBWAP 2018	George	NEMNES	Horia Hulubei National Institute for Physics and Nuclear Engineering	Magurele-Ilfov	Romania	1	MEASUREMENT PROTOCOLS AND DYNAMIC J-V CHARACTERISTICS OF PEROVSKITE SOLAR CELLS: THEORY A	oral presentation
27	IBWAP 2018	Andreea	NILA	National Institute of Materials Physics	Magurele-Bucharest	Romania	1	OPTICAL PROPERTIES OF TIO2 IN DOPED STATE: THE INFLUENCE OF THE SIO2 AND SILVER NANOPARTICLES	oral presentation
28	IBWAP 2018	Khalid	NOUNEH	Laboratory of Physics of Condensed Matter (LPMC), Department of Physics, Faculty of Science, Univers	Kenitra	Morocco	1	LOW COST THIN FILMS TECHNOLOGY OF EARTH ABUNDANT ELEMENTS FOR ENERGY AND ENVIRONMENT	oral presentation



Ovidius University of Constanta
 Faculty of Applied Sciences and Engineering
 Address: Bvd. Mamaia 124, Constanta, 900527, Romania
 Tel.: +40 241 606 434, Fax: +40 241 618372
 E-mail: fcetp@univ-ovidius.ro, Web: www.univ-ovidius.ro



29	IBWAP 2018	Osman Murat	OZKENDIR	Mersin University	Mersin	Turkey	1	DETERMINATION OF THE ATOMIC COORDINATIONS OF THE SUBSTITUTED LIGHT ATOMS IN MATERIALS	oral presentation
30	IBWAP 2018	Ovidiu	PANA	National Institute for Research and Development of Isotopic and Molecular Technologies	Cluj-Napoca	Romania	1	INTERPLAY BETWEEN MAGNETIC PROPERTIES AND PHOTOCATALYTIC RESPONSE IN FE ₃ O ₄ -OXIDE SEMICONDUCTOR NANOC	oral presentation
31	IBWAP 2018	Dina	YAKUSHEVA	Institute of Technical Chemistry	Perm	Russia	1	BEHAVIOR OF MAGNETIC FLUIDS IN PRESENCE OF FUNCTIONAL ORGANIC COMPOUNDS	oral presentation
32	IBWAP 2018	Vladimir	ZHAKETOV	Joint Institute for Nuclear Research	Dubna	Russia	1	INVESTIGATION OF SUPERCONDUCTING-FERROMAGNETIC V/FEV/NB AND NB/CUNI LAYERED NANOHETEROSTRUCTURES BY TIME-OF-FLIGHT POLARIZED NEUTRON REFLECTOMETRY	oral presentation
33	IBWAP 2018	Veronica	CHIRIAC	Alexandru Ioan Cuza University of Iasi	Iasi	Romania	2	COPOLYMERIZATIONS IN ATMOSPHERIC PRESSURE PLASMA REACTOR	oral presentation
34	IBWAP 2018	Catalin	TICOS	National Institute of Research and Development for Lasers, Plasma and Radiation Physics	Magurele	Romania	2	TURBULENT CHARGED MICROPARTICLE FLOW INDUCED BY DRAG FORCE OF AN ELECTRON BEAM	oral presentation
35	IBWAP 2018	Amin	ATTARZADEH	Institute for Higher Education ACECR	Khuzestan	Iran	3	CALCULATION OF ENERGY LEVEL, B(E ₂) AND G-FACTOR VALUES OF EVEN- EVEN ISOTOPES OF SULFUR USING NUSHELLX@MSU	oral presentation
36	IBWAP 2018	Ana	CHIRIACESCU	"Horia Hulubei" National Institute of Physics and Nuclear Engineering	Magurele	Romania	3	IRRADIATION SETUP FOR PROTON RADIOBIOLOGY WITH A PET CYCLOTRON	oral presentation
37	IBWAP 2018	Marin	DINCA	Institute for Nuclear Research	Mioveni	Romania	3	FLASH DYNAMIC INVESTIGATION BY NEUTRON AND GAMMA IMAGING	oral presentation



Ovidius University of Constanta
 Faculty of Applied Sciences and Engineering
 Address: Bvd. Mamaia 124, Constanta, 900527, Romania
 Tel.: +40 241 606 434, Fax: +40 241 618372
 E-mail: fcetp@univ-ovidius.ro, Web: www.univ-ovidius.ro



38	IBWAP 2018	Ion	LUNGU	“Horia Hulubei” National Institute of Physics and Nuclear Engineering	Bucharest	Romania	3	STUDIES ON GAMMA IRRADIATED PARCHMENT	oral presentation
39	IBWAP 2018	Laura	RADULESCU	“Horia Hulubei” National Institute of Physics and Nuclear Engineering	Bucharest	Romania	3	INTEGRATION OF THE HPD DETECTORS IN THE MCBM EXPERIMENT USING CAD	oral presentation
40	IBWAP 2018	Silisteanu	SILISTEANU	“Horia Hulubei” National Institute of Physics and Nuclear Engineering	Magurele	Romania	3	SYSTEMATICS OF ALPHA-DECAY HALF-LIVES OF SUPER-HEAVY NUCLEI NEAR DOUBLE SHELL CLOSURES	oral presentation
41	IBWAP 2018	Ancuta	TENTER	Babes-Bolyai University	Cluj-Napoca	Romania	3	MEASUREMENTS OF RADON IN SOIL, WATER AND INDOOR AIR IN SIBIU COUNTY (ROMANIA)	oral presentation
42	IBWAP 2018	Gabriel	CARUNTU	Central Michigan University	Mount Pleasant	United States	4	MONODISPERSE PEROVSKITE COLLOIDAL NANOCRYSTALS FOR APPLICATIONS IN ENERGY STORAGE AND FLEXIBLE ELECT	oral presentation
43	IBWAP 2018	Alexey	PAKHNEVICH	Borissiak Paleontological Institute of RAS	Moscow	Russia	4	THE IMPACT OF TOMOGRAPHIC RESEARCH IN PALEONTOLOGY	oral presentation
44	IBWAP 2018	Ioana	POROSNICU	National Institute for Laser, Plasma and Radiation Physics	Magurele	Romania	4	CHARACTERIZATION OF GOLD NANOPARTICLES AS CONTRAST AGENT FOR X-RAY COMPUTED TOMOGRAPHY	oral presentation
45	IBWAP 2018	Camelia	BOGDAN	National Institute for R&D in Electrical Engineering ICPE-CA	Bucharest	Romania	5	DESIGN AND MODELING OF A PERSISTENT SWITCH FOR HTS SUPERCONDUCTING COILS DESTINATED TO WORK IN A MAGNETIC ENERGY STORAGE SYSTEM	oral presentation
46	IBWAP 2018	Nicoleta	BRICĂN	Babes-Bolyai University	Cluj-Napoca	Romania	5	RADON MEASUREMENTS IN SCHOOLS - SUPPORT FOR THE DEVELOPMENT AND IMPLEMENTATION OF MEASURES TO REDUCE	oral presentation
47	IBWAP 2018	Mihail	LUNGU	National Institute for Laser, Plasma and Radiation Physics	Magurele	Romania	5	CHARACTERIZATION OF PROTECTIVE AND FUNCTIONAL HARD COATINGS BY MICRO-XRF	oral presentation



Ovidius University of Constanta
 Faculty of Applied Sciences and Engineering
 Address: Bvd. Mamaia 124, Constanta, 900527, Romania
 Tel.: +40 241 606 434, Fax: +40 241 618372
 E-mail: fcetp@univ-ovidius.ro, Web: www.univ-ovidius.ro



48	IBWAP 2018	Eduard	NASTASE	National Institute for Earth Physics	Magurele	Romania	5	INTEGRATED GNSS AND SEISMOTECTONIC STUDY OF THE NW GALATI SEISMOGENIC AREA	oral presentation
49	IBWAP 2018	Octavian	PAVELESCU	“Horia Hulubei” National Institute of Physics and Nuclear Engineering	Bucharest	Romania	5	EVALUATION OF AN INTERIM DISPOSAL SYSTEM FOR GRAPHITE WASTES RESULTED FROM THE DECOMMISSIONING OF TH	oral presentation
50	IBWAP 2018	Corina	SIMION	“Horia Hulubei” National Institute of Physics and Nuclear Engineering	Bucharest	Romania	5	A DECADAL DETERMINATION OF TRITIUM LEVELS IN ENVIRONMENTAL SAMPLES AROUND NIPNE ROMANIA (2007 – 2017)	oral presentation
51	IBWAP 2018	Ana	STOCHIOIU	Horia Hulubei National Institute for C&D in Physics and Nuclear Engineering	Magurele	Romania	5	STUDIES ON THE EVALUATION OF THE RADIOACTIVITY LEVEL IN ENVIRONMENTAL ENVIRONMENT, SWEDEN	oral presentation
52	IBWAP 2018	Maria	ZORAN	National Institute of R&D for Optoelectronics INOE 2000	Bucharest-Magurele	Romania	5	ANALYSIS OF SEISMIC PRESIGNALS RECORDED FOR SOME MODERATE VRANCEA EARTHQUAKES	oral presentation
53	IBWAP 2018	Dana	CRACIUN	West University of Timisoara	Timisoara	Romania	6	DIGITAL COMICS: REVIVING SCIENCE EDUCATION	oral presentation
54	IBWAP 2018	Cristina	IANCU	Univ. of Bucharest, Faculty of Physics	Bucharest	Romania	6	FROM TRADITIONAL TO MODERN APPROACH IN THE STUDY OF PHOTOSYNTHESIS	oral presentation
55	IBWAP 2018	Anca	POPOVICI	University of Bucharest	Bucuresti	Romania	6	ERIS. A PEDAGOGICAL REVIEW	oral presentation
56	IBWAP 2018	Dragos	TATARU	National Institute for Earth Physics	Magurele	Romania	6	PHYSICS WEBINARS IN SUPPORT FOR STEM DISCIPLINES	oral presentation
57	IBWAP 2018	Claudia	ANGHEL	“Horia Hulubei” National Institute of Physics and Nuclear Engineering	Magurele	Romania	1	A AND FISSION DECAY PROPERTIES AT NUCLEI WITH DOUBLE MAGIC SHELL STRUCTURE	poster
58	IBWAP 2018	Baibolat	ARGYMBEK	Frank Laboratory of Neutron Physics Joint Institute for Nuclear Research	Dubna	Russia	1	CRYSTAL AND MAGNETIC STRUCTURE OF THE ORDERED AND DISORDERED MAGNETIC OXIDES PBFE0.5SB0.5O3 AND	poster



Ovidius University of Constanta
 Faculty of Applied Sciences and Engineering
 Address: Bvd. Mamaia 124, Constanta, 900527, Romania
 Tel.: +40 241 606 434, Fax: +40 241 618372
 E-mail: fcetp@univ-ovidius.ro, Web: www.univ-ovidius.ro



								PBFE0.5NB0.5O3: THE NEUTRON DIFFRACTION DATA	
59	IBWAP 2018	ANDREI	AVRAM	National Institute for Research and Development in Microtechnologies	Bucharest	Romania	1	HIGH TEMPERATURE PLASMA DEPOSITION OF NANOCRYSTALLINE GRAPHENE THIN FILMS	poster
60	IBWAP 2018	Maria	BALASOIU	Joint Institute for Nuclear Research/IFIN-HH	Dubna	Russian Federation	1	STRUCTURAL AND MAGNETIC PROPERTIES OF CO AND CU-DOPED FERRIHYDRITE NANOPARTICLES	poster
61	IBWAP 2018	Cristina	BANCIU	INCDIE ICPE-CA	Bucuresti	Romania	1	3D GRAPHENE/ZINC OXIDE COMPOSITE NETWORK FOR ELECTRODE APPLICATIONS	poster
62	IBWAP 2018	Nadezhda	BELOZEROVA	Joint institute for nuclear research	Dubna, Moscow region	Russia	1	INTERNAL STRUCTURE AND DYNAMICS OF ROSUVASTATIN CALCIUM BY X-RAY DIFFRACTION AND NMR.	poster
63	IBWAP 2018	Nadezhda	BELOZEROVA	Joint institute for nuclear research	Dubna, Moscow region	Russia	1	THE HIGH PRESSURE EFFECTS ON THE CRYSTAL, MAGNETIC STRUCTURE AND VIBRATIONAL PROPERTIES OF CA3CO2O6	poster
64	IBWAP 2018	Anca	BIRSAN	National Institute of Materials Physics	Bucharest	Romania	1	MAGNETIC PROPERTIES OF COFEZRSI COMPOUND: FIRST PRINCIPLE INVESTIGATIONS	poster
65	IBWAP 2018	Anca	BIRSAN	National Institute of Materials Physics	Bucharest	Romania	1	THE EFFECT OF INTERFACIAL DISTORTIONS ON THE HALF-METALLIC PROPERTIES IN QUATERNARY HEUSLER COMPOU	poster
66	IBWAP 2018	Simona	CAPRARESCU	University Politehnica of Bucharest	Bucharest	Romania	1	CORROSION PROTECTION OF MILD STEEL USING DIFFERENT COMMERCIAL EXTRACTS FROM INSECT AND MOLLUSK	poster
67	IBWAP 2018	Radion	CHERKEZ	Chernivtsi National University	Chernivtsi	Ukraine	1	CAPABILITIES OF PERMEABLE THERMOELECTRIC ELEMENTS	poster
68	IBWAP 2018	Elena	CHITANU	INCDIE ICPE-CA	Bucharest	Romania	1	POLYMERIC NON-WOVEN FOR UV PROTECTION	poster



69	IBWAP 2018	Florina Emilia	CIULEI	INC DIE ICPE-CA	Bucharest	Romania	1	MNBI ALLOYS USED IN MICRO-ELECTRICAL ENGINEERING	poster
70	IBWAP 2018	Mirela	CODESCU	R&D National Institute for Electrical Engineering ICPE-CA	Bucharest	România	1	INVESTIGATIONS ON STRUCTURAL AND MAGNETIC PROPERTIES OF FECO/AL ₂ O ₃ NANOMATERIALS	poster
71	IBWAP 2018	Mirela	CODESCU	R&D National Institute for Electrical Engineering ICPE-CA	Bucharest	România	1	SOFT MAGNETIC, ELECTRICALLY INSULATED NANOPOWDERS BASED ON CO	poster
72	IBWAP 2018	Costel	COTIRLAN-SIMIONIUC	National Institute of Materials Physics	Magurele	Romania	1	FUNCTIONAL METASURFACES FOR LOCALIZED SURFACE PLASMON RESONANCE ENHANCED ANGLE-RESOLVED EVANESCENT-W	poster
73	IBWAP 2018	Petronela	GAROI	National Institute for Laser, Plasma and Radiation Physics	Magurele	Romania	1	IMPLEMENTATION OF NEW NANOFILMS OF AG, AU, SiO ₂ , ZNO FOR METAMATERIAL ENGINEERING	poster
74	IBWAP 2018	Georgeta	GROSU	National Institute for Research and Development of Isotopic and Molecular Technologies	Cluj-Napoca	Romania	1	METAL-ORGANIC FRAMEWORKS AS VEHICLES FOR FLAVONOIDS TRANSPORT AND SEPARATION	poster
75	IBWAP 2018	Maria	GUTOIU	National Institute for Research and Development of Isotopic and Molecular Technologies	Cluj-Napoca	Romania	1	CORE-SHELL FEPT-CUS MAGNETIC NANOPARTICLES AS CONTRAST AGENTS IN MAGNETIC RESONANCE IMAGING	poster
76	IBWAP 2018	Nicusor	IACOB	National Institute of Materials Physics	Magurele	Romania	1	MAGNETIC FLUID HYPERTHERMIA RELATED ISSUES BY NUMERICAL SIMULATIONS USING DEDICATED SOFTWARES	poster
77	IBWAP 2018	Sorina	IFTIMIE	University of Bucharest	Bucharest	Romania	1	ON THE FABRICATION AND CHARACTERIZATION OF SLOT WAVEGUIDES ON SILICON AND ALUMINUM	poster
78	IBWAP 2018	Cristian	LEOSTEAN	National Institute for Research and Development of Isotopic and Molecular Technologies	Cluj-Napoca	Romania	1	PREPARATION, CHARACTERISATION AND APPLICATION OF COFe ₂ O ₄ DECORATED MWCNT COMPOSITE NANOPARTICLES	poster



Ovidius University of Constanta
 Faculty of Applied Sciences and Engineering
 Address: Bvd. Mamaia 124, Constanta, 900527, Romania
 Tel.: +40 241 606 434, Fax: +40 241 618372
 E-mail: fcetp@univ-ovidius.ro, Web: www.univ-ovidius.ro



79	IBWAP 2018	Sergiu	MACAVEI	National Institute for Research and Development of Isotopic and Molecular Technologies	Cluj-Napoca	Romania	1	INFLUENCE OF BUFFER LAYER ON PHOTOVOLTAIC CHARACTERISTICS OF CZTS THIN FILMS	poster
80	IBWAP 2018	Eugen	MANTA	INC DIE ICPE-CA	Bucharest	Romania	1	INFLUENCE OF DIFFERENT ADITIVE ELEMENTS ON MICROSTRUCTURE AND MAGNETIC PROPERTIES IN ALNICO ALLOYS	poster
81	IBWAP 2018	Victor	MLADENOVIC	National Institute for Research and Development in Microtechnologies	Bucharest	Romania	1	DEFECT GEOMETRY INFLUENCE ON GRAPHENE NANORIBBONS	poster
82	IBWAP 2018	Victor	MLADENOVIC	University of Bucharest	Bucharest	Romania	1	GEOMETRY OF DEFECTS AT NANOSCALE	poster
83	IBWAP 2018	Florin	NASTASE	Research Centre for Integrated Systems Nanotechnologies and Carbon Based Nanomaterials (CENASIC) - I	Bucharest	Romania	1	ATOMIC LAYER DEPOSITION OF HAFNIUM OXIDE FROM TETRAKIS (DIMETHYLAMINO) HAFNIUM (TDMAH) AND WATER PRE	poster
84	IBWAP 2018	Liviu	NEDELCU	National Institute of Materials Physics	Bucharest-Magurele	Romania	1	MICROWAVE DIELECTRIC PROPERTIES OF BA2/3SR1/3TIO3 FERROELECTRIC THICK FILMS	poster
85	IBWAP 2018	George	NEMNES	Horia Hulubei National Institute for Physics and Nuclear Engineering	Magurele-Ilfov	Romania	1	BALLISTIC TRANSPORT IN GRAPHENE Y-JUNCTIONS	poster
86	IBWAP 2018	George	NEMNES	Horia Hulubei National Institute for Physics and Nuclear Engineering	Magurele-Ilfov	Romania	1	ELECTRIC FIELD EFFECT IN DOPED GRAPHENE BILAYERS	poster
87	IBWAP 2018	Osman	OZKENDIR	Mersin University	Mersin	Turkey	1	ELECTRONIC AND CRYSTAL STRUCTURE STUDY OF THE LI5CA2-XGAXLA2ZR2O12 SOLID BATTERY CATHODE	poster
88	IBWAP 2018	Delia	PATROI	National Institute for R&D in Electrical Engineering ICPE-CA	Bucharest	Romania	1	EFFECT OF PT INTERLAYER ON GROWTH MECHANISM OF ALNICO NANOPARTICULATE THIN FILMS	poster
89	IBWAP 2018	Nicolina	POP	Politehnica University of Timisoara	Timisoara	România	1	EVALUATION OF PHOTOVOLTAIC PANELS: OPTICAL NON-DESTRUCTIVE VERSUS MECHANICAL TESTING METHODS	poster



Ovidius University of Constanta
 Faculty of Applied Sciences and Engineering
 Address: Bvd. Mamaia 124, Constanta, 900527, Romania
 Tel.: +40 241 606 434, Fax: +40 241 618372
 E-mail: fcetp@univ-ovidius.ro, Web: www.univ-ovidius.ro



90	IBWAP 2018	Petronela	PREPELITA	National Institute for Laser, Plasma and Radiation Physics	Magurele	Romania	1	INFLUENCE OF DEPOSITION PROCESS ON THE STRUCTURAL PROPERTIES OF AU ULTRA THIN FILMS	poster
91	IBWAP 2018	Violeta	PURCAR	National Research and Development Institute for Chemistry and Petrochemistry	Bucharest	Romania	1	INFLUENCE OF SILANE PRECURSOR ON THE TiO ₂ MATERIALS	poster
92	IBWAP 2018	Mihaela	RAFUCIU	Lucian Blaga University of Sibiu	Sibiu	Romania	1	ATR-FTIR VERSUS RAMAN SPECTROSCOPY USED FOR STRUCTURAL ANALYSES OF THE IRON OXIDE NANOPARTICLES	poster
93	IBWAP 2018	Simona	RADA	Technical University of Cluj-Napoca	Cluj-Napoca	Romania	1	PARTIALLY STABILIZED ZIRCONIUM DIOXIDE CERAMICS AS DENTAL MATERIALS	poster
94	IBWAP 2018	Marius	RADA	Technical University of Cluj-Napoca	Cluj-Napoca	Romania	1	STABILIZED ZIRCONIA CERAMICS STUDIED VIA SPECTROSCOPIC METHODS	poster
95	IBWAP 2018	Carmen	RISTOSCU	National Institute for Laser, Plasma and Radiation Physics	Bucharest	Romania	1	CALCIUM PHOSPHATE THIN FILMS FROM RENEWABLE SOURCES FOR BIOMEDICAL APPLICATION	poster
96	IBWAP 2018	Anton	RUTKAUSKAS	Joint Institute for Nuclear Research	Dubna	Russia	1	CRYSTAL AND MAGNETIC STRUCTURE OF TBBACO _{1.91} FE _{0.09} O _{5.5} COBALTITE UNDER HIGH PRESSURE	poster
97	IBWAP 2018	Anton	RUTKAUSKAS	Joint Institute for Nuclear Research	Dubna	Russia	1	THE INFLUENCE OF HIGH PRESSURE ON THE MAGNETIC PROPERTIES OF INTERMETALLIC COMPOUNDS YCO ₅ AND YCO ₄ SI	poster
98	IBWAP 2018	Loredana	SORAN	National Institute for Research and Development of Isotopic and Molecular Technologies	Cluj-Napoca	Romania	1	PREPARATION AND CHARACTERIZATION OF MAGNETIC NANOCOMPOSITES BASED ON CUBIC MAGNETITE WITH POSSIBLE A	poster
99	IBWAP 2018	Manuela	STAN	National Institute for Research and Development of Isotopic and Molecular Technologies	Cluj-Napoca	Romania	1	SYNTHESIS, CHARACTERIZATION, AND ANTIBACTERIAL ACTIVITY OF GREEN SYNTHESIZED FE ₃ O ₄ /CUO/AG NANOCOMPOSITES	poster



Ovidius University of Constanta
 Faculty of Applied Sciences and Engineering
 Address: Bvd. Mamaia 124, Constanta, 900527, Romania
 Tel.: +40 241 606 434, Fax: +40 241 618372
 E-mail: fcetp@univ-ovidius.ro, Web: www.univ-ovidius.ro



100	IBWAP 2018	Marius	STEF	West University of Timisoara	Timisoara	Romania	1	INFLUENCE OF PROTON IRRADIATION ON THE DIELECTRIC PROPERTIES OF PURE AND YBF3-DOPED BAF2 CRYSTALS	poster
101	IBWAP 2018	Nicolae	TIGAU	“Dunarea de Jos” University of Galati	Galati	Romania	1	HIGH-TEMPERATURE DEPOSITION OF BISMUTH OXIDE THIN FILMS BY PULSED LASER ABLATION	poster
102	IBWAP 2018	Nicolae	TIGAU	“Dunarea de Jos” University of Galati	Galati	Romania	1	SUBSTRATE TEMPERATURE EFFECT ON THE STRUCTURAL AND OPTICAL PROPERTIES OF TIN OXIDE THIN FILMS	poster
103	IBWAP 2018	Lucian	TRUPINA	National Institute of Materials Physics	Bucharest	Romania	1	EPITAXIAL GROWTH OF IRIIDIUM THIN FILM AS BOTTOM ELECTRODE FOR HIGH FREQUENCY TUNABLE CAPACITORS	poster
104	IBWAP 2018	Silviu	VULPE	National Research Institute for Microtechnologies	Bucuresti	Romania	1	IMPACT OF THERMAL TREATMENT UPON MORPHOLOGY AND CRYSTALLINITY OF (ZNO/AL2O3)/TIO2 THIN FILMS DEPOSIT	poster
105	IBWAP 2018	Mioara	ZAGRAI	National Institute for Research & Development of Isotopic and Molecular Technologies	Cluj-Napoca	Romania	1	STRUCTURAL STUDIES OF ZIRCONIA CERAMICS FOR DENTAL APPLICATIONS	poster
106	IBWAP 2018	Constantin	BROASCA	National Institute for Laser, Plasma and Radiation Physics	Magurele	Romania	2	REMARKABLE ENHANCEMENT OF EMISSION INTENSITY OF EU-SNO2 NANOPARTICLES BY LI ADDITION	poster
107	IBWAP 2018	Bogdan	BUTOI	National Institute for Laser Plasma and Radiation Physics	Magurele	Romania	2	ANALYSIS OF THIN POLYANILINE FILMS OBTAINED BY DC PLASMA POLYMERIZATION REACTOR	poster
108	IBWAP 2018	Octavian	COLBEA	National Institute for Laser, Plasma and Radiation Physics	Bucharest	Romania	2	TETRAGONAL TO MONOCLINIC PHASE TUNING OF ER DOPED NANO-ZIRCONIA BY LITHIUM ADDITION AND ITS EFFECT O	poster
109	IBWAP 2018	Paul-Pavel	DINCA	National Institute for Laser, Plasma and Radiation Physics	Bucharest	Romania	2	THE INFLUENCE OF BE,W AND BE-W DC MAGNETRON SPUTTERING CO-DEPOSITED LAYERS ON DEUTERIUM DESORPTION	poster



Ovidius University of Constanta
 Faculty of Applied Sciences and Engineering
 Address: Bvd. Mamaia 124, Constanta, 900527, Romania
 Tel.: +40 241 606 434, Fax: +40 241 618372
 E-mail: fcetp@univ-ovidius.ro, Web: www.univ-ovidius.ro



110	IBWAP 2018	Daniela	DRAGOMAN	University of Bucharest	Bucharest	Romania	2	MULTIPOINT RING-SHAPED PLASMONIC WAVEGUIDES OPERATING AS LOGIC GATES	poster
111	IBWAP 2018	Mihaela	IODACHE	National Research and Development Institute for Cryogenics and Isotopic Technologies	Ramnicu Valcea	Romania	2	ASSESSMENT OF HEAVY METALS POLLUTION IN SEDIMENTS FROM RESERVOIRS OF THE OLT RIVER AS TOOL FOR ENVIR	poster
112	IBWAP 2018	Vasile	NASTUTA	"Grigore T. Popa" University of Medicine	Iasi	Romania	2	A 70 KHZ AC HIGH VOLTAGE DRIVEN HE PLASMA JET FOR SURFACE TREATMENT: OPTICAL AND ELECTRICAL DIAGNOST	poster
113	IBWAP 2018	Liliana	SACHELARIE	Apollonia University	Iasi	Romania	2	EFFECTS OF PRETREATMENT METHODS ON THE ENAMEL SURFACE IMPROVING SEALANT ADHESION	poster
114	IBWAP 2018	Adrian	SCURTU	National Institute for Laser, Plasma and Radiation Physics	Magurele	Romania	2	INTERACTION BETWEEN DENSE PLASMA JETS AND DUSTY CRYSTALS	poster
115	IBWAP 2018	Radu	SETNESCU	Valahia University of Targoviste	Bucharest	Romania	2	ANALYSIS OF THERMOLUMINESCENCE EMISSION ABOVE ROOM TEMPERATURE FROM ZEOLITE MATERIALS	poster
116	IBWAP 2018	Cristian	STANCU	National Institute for Laser, Plasma and Radiation Physics	Magurele	Romania	2	BEHAVIOUR OF TUNGSTEN SURFACES EXPOSED TO HOLLOW CATHODE DISCHARGES	poster
117	IBWAP 2018	Dorina	TICOS	National Institute of Research and Development for Lasers, Plasma and Radiation Physics	Magurele	Romania	2	PLASMA CRYSTAL ROTATION INDUCED BY AN ELECTRON BEAM	poster
118	IBWAP 2018	Elena	VLADESCU	Univ. of Bucharest, Faculty of Physics	Bucharest	Romania	2	MULTIPOINT RING-SHAPED PLASMONIC WAVEGUIDES OPERATING AS LOGIC GATES	poster
119	IBWAP 2018	Ion	ZUBAC	Institute of Applied Physics	Chisinau	Republic of Moldova	2	METASTABLE BOUND STATES OF THE TWO-DIMENSIONAL BIMAGNETOEXCITONS WITH TRIPLET-TRIPLET AND SINGLET-SI	poster
120	IBWAP 2018	Alexander	ABATUROV	Institute of Technical Chemistry	Perm	Russian Federation	3	ION BEAM TREATMENT OF POLYURETHANES FOR BIOMEDICAL APPLICATIONS	poster



Ovidius University of Constanta
 Faculty of Applied Sciences and Engineering
 Address: Bvd. Mamaia 124, Constanta, 900527, Romania
 Tel.: +40 241 606 434, Fax: +40 241 618372
 E-mail: fcetp@univ-ovidius.ro, Web: www.univ-ovidius.ro



121	IBWAP 2018	Bogdan	CONSTANTINESCU	“Horia Hulubei” National Institute of Physics and Nuclear Engineering	Magurele	Romania	3	STUDIES ON ANCIENT ROMAN GLASS USING MICRO-PIXE AND SEM-EDS	poster
122	IBWAP 2018	Daniela	CRISTEA-STAN	“Horia Hulubei” National Institute of Physics and Nuclear Engineering	Magurele	Romania	3	STUDIES ON PIGMENTS OF RELIGIOUS MURAL PAINTINGS USING A PORTABLE X-RAY FLUORESCENCE SPECTROMETER	poster
123	IBWAP 2018	Relu	DOBRIN	Institute for Nuclear Research	Pitesti	Romania	3	RA-226 DETERMINATION IN AQUEOUS SAMPLES BY ALPHA-LIQUID SCINTILLATION COUNTING OF RN-222	poster
124	IBWAP 2018	Gheorghe	DOGARU	“Horia Hulubei” National Institute of Physics and Nuclear Engineering	Bucharest	Romania	3	RADIATION PROTECTION ASPECTS DURING THE RADIOACTIVE WASTE SUPER-COMPACTION CAMPAIGNS	poster
125	IBWAP 2018	Daniela	DOGARU	National Commission for Nuclear Activities Control	Bucharest	Romania	3	RADON NATIONAL ACTION PLAN IN ROMANIA	poster
126	IBWAP 2018	Laura	IONASCU	“Horia Hulubei” National Institute of Physics and Nuclear Engineering	Magurele, Ilfov county	Romania	3	THE BEHAVIOUR IN TIME OF LOW-PH MODIFIED CEMENT BASED MATRICES USED FOR EMBEDDING RADIOACTIVE METALL	poster
127	IBWAP 2018	Aurel	KONSTANTINOVICH	Chernivtsi National University	Chernivtsi	Ukraine	3	SYNCHROTRON-CHERENKOV RADIATION SPECTRUM OF ELECTRONS MOVING IN SPIRAL IN MEDIUM	poster
128	IBWAP 2018	Marius	LUNGULESCU	National R&D Institute for Electrical Engineering ICPE-CA	Bucharest	Romania	3	CHEMICAL CHARACTERIZATION OF DEGRADATION STATE OF THE MESITYLENE COLD MODERATOR USED IN IBR-2	poster
129	IBWAP 2018	Tatiana	LYCHAGINA	Joint Institute for Nuclear Research	Dubna	Russia	3	NEUTRON DIFFRACTION INVESTIGATION OF AGING PHENOMENA IN THE CEMENT STRUCTURES	poster
130	IBWAP 2018	Paul	MEREUTA	“Horia Hulubei” National Institute of Physics and Nuclear Engineering	Bucharest	Romania	3	SEM-EDS AS INVESTIGATION TOOL FOR ARCHAEOLOGICAL ARTIFACTS	poster
131	IBWAP 2018	Daniela	NICU	“Horia Hulubei” National Institute of Physics and Nuclear Engineering	Magurele	Romania	3	THE EVOLUTION IN TIME OF PHYSICO-CHEMICAL AND	poster



Ovidius University of Constanta
 Faculty of Applied Sciences and Engineering
 Address: Bvd. Mamaia 124, Constanta, 900527, Romania
 Tel.: +40 241 606 434, Fax: +40 241 618372
 E-mail: fcetp@univ-ovidius.ro, Web: www.univ-ovidius.ro



								MECHANICAL PROPERTIES OF CEMENT MATRICES CONTAINING S	
132	IBWAP 2018	Corina	SIMION	“Horia Hulubei” National Institute of Physics and Nuclear Engineering	Bucharest	Romania	3	USING RADIOMETRIC AND NON RADIOMETRIC METHODS FOR A COMPLEX CHARACTERIZATION OF AN HISTORICAL MONUMENT ENSEMBLE; OTETESANU EX-MANSION FROM MAGURELE COUNTY ROMANIA CASE STUDY	poster
133	IBWAP 2018	Laurentiu	TEODORESCU	“Horia Hulubei” National Institute of Physics and Nuclear Engineering	Bucharest	Romania	3	A PRECISION CURRENT GENERATOR FOR ELECTROPLATING SYSTEM	poster
134	IBWAP 2018	Laurentiu	TEODORESCU	“Horia Hulubei” National Institute of Physics and Nuclear Engineering	Bucharest	Romania	3	INCREASING THE ACCURACY OF THE BEAM CURRENT MEASUREMENT IN CYCLOTRON APPLICATIONS	poster
135	IBWAP 2018	Diana	BADIU	Ovidius University of Constanta	Constanta	Romania	4	MICROSTRUCTURE ANALYSIS OF HIP PROSTHESIS FROM AL ₂ O ₃ /Y-ZRO ₂ CERAMICS USING NEUTRON DIFFRACTION METHO	poster
136	IBWAP 2018	Maria	BALASOIU	Joint Institute for Nuclear Research	Dubna	Russian Federation	4	STRUCTRAL AND CHEMICAL EFFECTS OF BACTERIAL GROWTH LIGHT REGIMES ON BIOGENIC NANOPARTICLES PRODUCTIO	poster
137	IBWAP 2018	Roxana	BUGOI	Horia Hulubei National Institute for Nuclear Physics and Engineering	Magurele	Romania	4	MULTIDISCIPLINARY STUDY ON PREHISTORIC POTTERY FROM SOUTH EAST ROMANIA	poster
138	IBWAP 2018	Claudia	CHILOM	University of Bucharest	Bucharest	Romania	4	CHARACTERIZATION OF FERRIHYDRITE NANOPARTICLES IN INTERACTION WITH LIPOSOMES AND THE EFFECT AGAINST	poster
139	IBWAP 2018	Madalina	COMAN	“Dunarea de Jos” University of Galati	Galati	Romania	4	AUTOMATED RECOGNITION OF SYNTHETIC CANNABINOIDS BASED ON ANN AND MOLECULAR DESCRIPTORS	poster



Ovidius University of Constanta
 Faculty of Applied Sciences and Engineering
 Address: Bvd. Mamaia 124, Constanta, 900527, Romania
 Tel.: +40 241 606 434, Fax: +40 241 618372
 E-mail: fcetp@univ-ovidius.ro, Web: www.univ-ovidius.ro



140	IBWAP 2018	Madalina	COMAN	“Dunarea de Jos” University of Galati	Galati	Romania	4	OPTIMISATION OF THE PERFORMANCES OF ANN SYSTEMS DESIGNED FOR THE IDENTIFICATION OF JWH CANNABINOID	poster
141	IBWAP 2018	Bogdan	DUMITRU	“Politehnica” University of Buchares	Bucharest	Romania	4	NONLINEAR AND FRACTAL ASPECTS IN THE MANAGEMENT OF RISKS	poster
142	IBWAP 2018	Eduard	GHIORGHIU	Babes-Bolyai University	Cluj-Napoca	Romania	4	SEISMOLOGICAL AND EARTH STRUCTURE INFORMATION RETRIEVED FROM SINGLE-STATION MEASUREMENTS: CASE STUDY	poster
143	IBWAP 2018	Adelina	ION	“Dunarea de Jos” University of Galati	Galati	Romania	4	COMPUTATIONAL STUDY OF 3,4-METHYLENEDIOXYPYROVALERONE	poster
144	IBWAP 2018	Adelina	ION	“Dunarea de Jos” University of Galati	Galati	Romania	4	THEORETICAL INVESTIGATION OF THE CHEMICAL POTENTIAL OF 3,4-METHYLENEDIOXYPYROVALERONE	poster
145	IBWAP 2018	Laurentiu	MARIN	National Institute for Research and Development in Chemistry and Petrochemistry	Bucharest	Romania	4	THE IDENTIFICATION OF FULLERENE SPATIAL FORMATIONS TYPE OF GRAPHITE FILMS DEPOSITED ON METAL SURFACE BY ELECTRICAL DISCHARGE IN IMPULSE THROUGH THERMAL GRAVIMETRIC ANALYSIS (TGA)	poster
146	IBWAP 2018	Tatiana	PISLARI	Institute of Applied Physics	Chisinau	Moldova	4	COOPERATIVE ENTANGLED EFFECTS BETWEEN MODE COMPONENTS OF OPTICAL MICRO-FIBER (OR MICRO-CAVITY) STIMULATED BY TWO ENSEMBLES OF ATOMS IN NON-LINEAR INTERACTION	poster
147	IBWAP 2018	Anica	PLACINTA	National Institute for Earth Physics	Magurele	Romania	4	ACTIVE STRESS AND STRAIN FIELDS IN THE SOUTHEASTERN BORDER OF PANNONIAN BASIN. CASE STUDY: WESTERN S	poster



Ovidius University of Constanta
 Faculty of Applied Sciences and Engineering
 Address: Bvd. Mamaia 124, Constanta, 900527, Romania
 Tel.: +40 241 606 434, Fax: +40 241 618372
 E-mail: fcetp@univ-ovidius.ro, Web: www.univ-ovidius.ro



148	IBWAP 2018	Anica	PLACINTA	National Institute for Earth Physics	Magurele	Romania	4	REVISED CATALOG OF EARTHQUAKE MECHANISMS FOR THE EVENTS OCCURRED IN ROMANIA UNTIL THE END OF XX CENT	poster
149	IBWAP 2018	Anica	PLACINTA	National Institute for Earth Physics	Magurele		4	SEISMICITY CLUSTERING PROPERTIES IN SPACE AND TIME IN FRONT OF THE SOUTH-EASTERN CARPATHIANS BEND ZONE	poster
150	IBWAP 2018	Cezara	VOICA	National Institute for Research and Development of Isotopic and Molecular Technologies, Cluj-Napoca,	Cluj-Napoca	Romania	4	PRELIMINARY STUDY TO CHARACTERIZE EDIBLE OILS USING ELEMENTAL ANALYSIS (ICP-MS) AND ISOTOPE RATIO MA	poster
151	IBWAP 2018	Bogdan	ZORILA	University of Bucharest	Bucharest	Romania	4	THE INFLUENCE OF FOLIC ACID ON THE FLUIDITY OF DPPC LIPOSOMAL MEMBRANES AND THE EFFECT AGAINST NORMA	poster
152	IBWAP 2018	Ioan	BUCURICA	Valahia University of Targoviste	Targoviste	Romania	5	GEOMORPHOLOGY ASPECTS AND CHEMICAL COMPOSITION INVESTIGATIONS OF SOILS FROM URANIUM MINE TAILINGS	poster
153	IBWAP 2018	Angela	CONSTANTIN	National Institute for Earth Physics	Magurele	Romania	5	MACROSEISMIC INTENSITY ATTENUATION RELATIONSHIP WITH EPICENTRAL DISTANCE FOR FAGARAS SEISMOGENIC ZON	poster
154	IBWAP 2018	Gabriel	CONSTANTINESCU	National Institute for Earth Physics	Magurele	Romania	5	PARAMETERIZATION OF ACTIVE FAULTS FROM THE SOUTHWEST OF SOUTHERN CARPATHIANS	poster
155	IBWAP 2018	Gabriel	CONSTANTINESCU	National Institute for Earth Physics	Magurele	Romania	5	USING THE ETAS MODEL FOR CATALOGUE DECLUSTERING AND ANALYSES SEISMIC SEQUENCE IN DANUBIAN SEISMOGEN	poster
156	IBWAP 2018	Ioana	DULAMA	Valahia University of Targoviste	Targoviste	Romania	5	CHEMICAL AND MORPHOLOGICAL INVESTIGATIONS ON PAINTED POTTERY OF ROMANIAN CULTURAL HERITAGE	poster



Ovidius University of Constanta
 Faculty of Applied Sciences and Engineering
 Address: Bvd. Mamaia 124, Constanta, 900527, Romania
 Tel.: +40 241 606 434, Fax: +40 241 618372
 E-mail: fcetp@univ-ovidius.ro, Web: www.univ-ovidius.ro



157	IBWAP 2018	George	DUMITRU	National Institute for R&D in Electrical Engineering ICPE-CA	Bucharest	Romania	5	DESIGN OF A CRYOGENIC DEVICE FOR SOLID NEON DEPOSITION ON A POSITRONS SOURCE FOR ELI-NP PROJECT	poster
158	IBWAP 2018	Mikhail	FEDOSEEV	NRC "Kurchatov institute" – CRISM "Prometey"	St. Petersburg	Russia	5	INVESTIGATION OF BETA TITANIUM ALLOY BY NEUTRON AND X-RAY DIFFRACTION AND SANS	poster
159	IBWAP 2018	Radu	FIERASCU	The National Institute for Research & Development in Chemistry and Petrochemistry - ICECHIM	Bucharest	Romania	5	ARCHAOMETALLURGICAL EVALUATION OF FINERY USING NON-DESTRUCTIVE METHODS	poster
160	IBWAP 2018	Irina	FIERASCU	The National Institute for Research & Development in Chemistry and Petrochemistry - ICECHIM	Bucharest	Romania	5	NOBLE METAL NANOPARTICLES EVALUATION USING NUCLEAR TECHNIQUES AND OTHER RELATED METHODS	poster
161	IBWAP 2018	Anca	GHEBOIANU	Valahia University of Targoviste	Targoviste	Romania	5	ENHANCED HEAVY METAL CONCENTRATIONS IN SOIL AND FRUIT TREES ASSOCIATED TO THE USE OF FERTILIZERS AND PESTICIDES	poster
162	IBWAP 2018	Anca Irina	GHEBOIANU	Valahia University of Targoviste	Targoviste	Romania	5	ENHANCED HEAVY METAL CONCENTRATIONS IN SOIL AND FRUIT TREES ASSOCIATED TO THE USE OF FERTILIZERS AND PESTICIDES	poster
163	IBWAP 2018	Ioana	ION	R&D National Institute for Electrical Engineering, ICPE-CA	Bucharest	ROMANIA	5	HYBRID NACOMPOSITE RGO/SEMICONDUCTOR OXIDE AS SENSITIVE MATERIAL FOR NO2 DETECTION	poster
164	IBWAP 2018	Rodica	ION	ICECHIM	Bucharest	ROMANIA	5	X-RAY AND SCANNING ELECTRON MICROSCOPY ARCHAOMETRIC STUDIES OF PIGMENTS FROM MURAL PAINTS	poster
165	IBWAP 2018	Andreea	IORDACHE	National Research and Development Institute for Cryogenics and Isotopic Technologies	Ramnicu Valcea	Romania	5	A FUGACITY BASED MODEL FOR THE ASSESSMENT OF POLLUTANT DYNAMIC EVOLUTION OF VOCS AND BTEX IN THE OLT	poster



Ovidius University of Constanta
 Faculty of Applied Sciences and Engineering
 Address: Bvd. Mamaia 124, Constanta, 900527, Romania
 Tel.: +40 241 606 434, Fax: +40 241 618372
 E-mail: fcetp@univ-ovidius.ro, Web: www.univ-ovidius.ro



166	IBWAP 2018	Ivan	KONSTANTINOVICH	Chernivtsi National University	Chernivtsi	Ukraine	5	ON THE EFFICIENCY OF GYROTROPIC THERMOELEMENTS IN GENERATION MODE	poster
167	IBWAP 2018	Adelina	MOLDOVAN	National Institute for Earth Physics	Magurele	Romania	5	INVESTIGATION OF PROPAGATION BEHAVIOR OF VLF/LF RADIO WAVES OVER EUROPEAN SEISMOGENIC ZONES IN CORRE	poster
168	IBWAP 2018	Vasile	NASTUTA	"Grigore T. Popa" University of Medicine	Iasi	Romania	5	PHYSICO-CHEMICAL PROPERTIES OF VINEYARD SOILS FROM EASTERN PART OF ROMANIA	poster
169	IBWAP 2018	Kuanysh	NAZAROV	Frank Laboratory of Neutron Physics Joint Institute for Nuclear Research	Dubna	Russia	5	APPLICATION OF NEUTRON RADIOGRAPHY AND TOMOGRAPHY IN STUDIES OF CULTURAL HERITAGE OBJECTS	poster
170	IBWAP 2018	Liviu	OLTEANU	Institute of Multidisciplinary Research for Science and Technology	Targoviste	Romania	5	SPECTRAL CHARACTERISATION OF THE PORPHYRINS FOR DYE-SENSITIZED SOLAR CELLS (DSSC)	poster
171	IBWAP 2018	Cristina	PACHIU	IMT Bucuresti	Bucuresti	Romania	5	URFACE ACOUSTIC WAVE DEVICES BASED ON UNCD FILMS	poster
172	IBWAP 2018	Mihaela	RACUCIU	"Lucian Blaga" University of Sibiu	Sibiu	Romania	5	EXPOSURE TO 50HZ SINUSOIDAL MAGNETIC FIELD MODIFIES THE DRINKING WATER QUALITY	poster
173	IBWAP 2018	Mihaela	RACUCIU	Lucian Blaga University of Sibiu	Sibiu	Romania	5	THE INFLUENCE OF 600MHZ RADIATION AT VARIOUS SPECIFIC ABSORPTIONS ON MITOTIC DIVISION PROCESS OF ZEA MAYS SEEDS	poster
174	IBWAP 2018	Oana	RAITA	INCDTIM Cluj-Napoca	Cluj-Napoca	Romania	5	THE DIGITAL ENERGY, ENERGY FROM THE FUTURE	poster
175	IBWAP 2018	Eugen	SCARLAT	University "Politehnica" of Bucharest	Bucharest	Romania	5	ADAPTIVE PHASE STEPS FOR DIFFRACTIVE PHASE ELEMENTS USING TWO PHOTON POLYMERIZATION	poster
176	IBWAP 2018	Nicolae	STIRBESCU	Institute of Multidisciplinary Research for Science and Technology	Targoviste	Romania	5	SYNTHESIS OF SILVER NANOPARTICLES USING HYDROALCOHOLIC EXTRACT OF PRUNUS MAHALEB (MAHALEB	poster



Ovidius University of Constanta
 Faculty of Applied Sciences and Engineering
 Address: Bvd. Mamaia 124, Constanta, 900527, Romania
 Tel.: +40 241 606 434, Fax: +40 241 618372
 E-mail: fcetp@univ-ovidius.ro, Web: www.univ-ovidius.ro



								CHERRY) AND MALUS PURPUREA (BLUTAPFEL)	
177	IBWAP 2018	Ana	STOCHIOIU	Horia Hulubei National Institute for C&D in Physics and Nuclear Engineering	Magurele	Romania	5	MAPPING THE AREA OF TE IFIN-HH IONIZING RADIATION METROLOGY, DOSIMTRY AND TESTING LABORATORY (CMRID) USING THERMOLUMINISCENT AREA DOSIMETRY	poster
178	IBWAP 2018	Gyorgy	THALMAIER	Technical University of Cluj Napoca	Cluj-Napoca	Romania	5	INFLUENCE OF THE SAWDUST PORE FORMING AGENTS PORES SIZE ON THE COMPRESSON STRENGH OF SOME CLAY BRICKS	poster
179	IBWAP 2018	Radu	TRUICA	National Institute for Research and Development of Isotopic and Molecular Technologies	Cluj-Napoca	Romania	5	EFFICIENT MONITORING OF THE ENVIRONMENTAL FACTORS IN DATA CENTER	poster
180	IBWAP 2018	Maria	ZORAN	National Institute of R&D for Optoelectronics INOE 2000	Bucharest-Magurele	Romania	5	APPLICATION OF REMOTELY SENSED THERMAL INFORMATION TO URBAN CLIMATOLOGY OF BUCHAREST CITY	poster
181	IBWAP 2018	Maria	ZORAN	National Institute of R&D for Optoelectronics INOE 2000	Bucharest-Magurele	Romania	5	CLIMATE CHANGE AND ITS EFFECTS ON URBAN FOREST BIOGEOPHYSICAL PARAMETERS	poster
182	IBWAP 2018	Maria	ZORAN	National Institute of R&D for Optoelectronics INOE 2000	Bucharest-Magurele	Romania	5	FOREST PHENOLOGY MONITORING BY REMOTE SENSING TECHNOLOGY	poster
183	IBWAP 2018	Bogdan	ZORILA	Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering	Magurele	Romania	5	SUPPORT DATABASE FOR FIRST RESPONDERS IN TRANSPORTATION INCIDENT INVOLVING DANGEROUS MATERIALS	poster
184	IBWAP 2018	Ioana	KUNCSEK	University of Bucharest	Bucharest	Romania	6	TEACHING PHYSICS BY COMPUTER ASSISTED METHODS	poster

Topics

1. Materials Physics
2. Laser, Plasma and Radiation Physics and Applications
3. Nuclear and sub-Nuclear Physics and Applications



Ovidius University of Constanta
Faculty of Applied Sciences and Engineering
Address: Bvd. Mamaia 124, Constanta, 900527, Romania
Tel.: +40 241 606 434, Fax: +40 241 618372
E-mail: fcetp@univ-ovidius.ro, Web: www.univ-ovidius.ro



4. Cross-disciplinary Applications of Physics
5. Engineering and Industrial Physics
6. Physics Education Research

Florin Moscalu, PH.D.
Chair, Department of Physics and Electronics
Ovidius University of Constanța
Workshop Chairman

Date
11.05.2018

