



Ministry of Education Ovidius University of Constanta
Address: Bvd. Mamaia 124, Constanta, 900527, Romania, Tel./ Fax: +40 241 606 467, +40 241 606 407
E-mail: fcetp@univ-ovidius.ro, Web: www.univ-ovidius.ro



19th International Balkan Workshop on Applied Physics and Materials Science
16-19 July 2019 Constanta, ROMANIA

List of accepted abstracts at IBWAP 2019

First name	MI	Family name	Affiliation	City	Country	Sec.	ABSTRACT TITLE	Presentation Type
Juan	R	MORANTE	Institut de Recerca en Energia de Catalunya /Universitat de Barcelona	Barcelona	Spain		INSIGHT INTO MECHANISMS AND CATALYST MATERIALS FOR SOLAR REFINERIES AND A CIRCULAR ECONOMY OF THE CO2	Plenary
Egor		LYCHAGIN	Joint Institute for Nuclear Research	Dubna	Russia		MULTIDISCIPLINARY RESEARCH AT THE IBR-2 REACTOR	Plenary
Calin	A	UR	ELI-NP / IFIN-HH	Bucharest	Romania		NEWS FROM ELI-NP	Plenary
Horia	V	ALEXANDRU	University of Bucharest/Academy of Romanian Scientists	Bucharest	Romania	1	BASIC NEW DATA IN FERROELECTRIC TRANSITION OF TGS CRYSTAL	Invited Presentation
Stefan		ANTOHE	University of Bucharest	Bucharest	Romania	1	A2-B6 THIN FILMS USED IN SOLAR CELLS FOR TERRESTRIAL AND SPACE APPLICATIONS	Invited Presentation
Vlad	A	ANTOHE	University of Bucharest	Bucharest	Romania	1	ELECTROCHEMICAL SYNTHESIS OF VERTICAL ZINC OXIDE QUASI-1D NANOSTRUCTURES FOR ELECTRONICS AND OPTOELECTRONICS. TEMPLATE-ASSISTED AND TEMPLATE-FREE APPROACHES	Invited Presentation
Emil		BURZO	Babes-Bolyai University	Cluj-Napoca	Romania	1	ON THE EXCHANGE INTERACTIONS IN R-CO COMPOUNDS WHERE R IS A RARE-EARTH OR YTTRIUM	Invited Presentation
Victor		CIUPINA	Ovidius University of Constanta/Academy of Romanian Scientists	Constanta	Romania	1	CARBON-TITANIUM NANOSTRUCTURES: SYNTHESIS AND CHARACTERIZATION	Invited Presentation
Magdalena	L	CIUREA	National Institute of Materials Physics	Magurele	Romania	1	ADVANCES IN GE NANOCRYSTALS-BASED STRUCTURES FOR SWIR SENSORS AND NON-VOLATILE MEMORIES	Invited Presentation
Monica		ENCULESCU	National Institute of Materials Physics	Magurele	Romania	1	TUNING OPTICAL AND MORPHOLOGICAL PROPERTIES OF POLYMER NANOFIBERS OBTAINED BY ELECTROSPINNING TECHNIQUE	Invited Presentation
Silviu		POLOSAN	National Institute of Materials Physics	Magurele	Romania	1	COLORING AND DIELECTRIC PROPERTIES OF PHOSPHOTELLURITE GLASSES	Invited Presentation
Vilma		BURSIKOVA	Institute of Physical Electronics/Masaryk University	Brno	Czech Rep.	2	DEPOSITION PLASMA-POLYMER ORGANOSILICON COMPOSITE THIN FILMS UNDER DUSTY PLASMA CONDITIONS	Invited Presentation
Paul	P	DINCA	NILPRP - Romania	Magurele	Romania	2	DEUTERIUM RETENTION IN FUSION RELATED	Invited



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							MATERIALS	Presentation
Cristian		FOCSA	Lille University	Lille	France	2	AMBIENT PRESSURE LASER DESORPTION/IONIZATION MASS SPECTROMETRY FOR IN-VIVO REAL-TIME DETECTION OF CANCER MOLECULAR MARKERS	Invited Presentation
Pavel		KUDRNA	Charles University	Prague	Czech Rep.	2	IRON OXIDE AND IRON SULFIDE FILMS PREPARED FOR DYE-SENSITIZED SOLAR CELLS	Invited Presentation
Cristian	P	LUNGU	INFLPR	Bucharest	Romania	2	SMART TILES PREPARATION AND ANALYSES AFTER WORKING IN A THERMONUCLEAR FUSION ENVIRONMENT	Invited Presentation
Vasile	I	PARVULESCU	University of Bucharest	Bucharest	Romania	2	ENGINEERING ACTIVE SITES ON REDUCED GRAPHENE OXIDE BY HYDROGEN PLASMA IRRADIATION: MIMICKING BIFUNCTIONAL METAL/SUPPORTED CATALYSTS IN HYDROGENATION REACTIONS	Invited Presentation
Roman		SCHRITTWIESER	Institute for Ion Physics and Applied Physics/University of Innsbruck	Innsbruck	Austria	2	RESEARCH ON HOLLOW CATHODES	Invited Presentation
Branko		SKORIC	Center for Surface Engineering and Nanotechnology/University of Novi Sad	Novi Sad	Serbia	2	NANOCOMPOSITE HARD COATINGS FOR BIOMEDICAL APPLICATIONS	Invited Presentation
Milan		TICHY	Charles University/Institute of Physics/Academy of Sciences Prague	Prague	Czech Rep.	2	A STUDY OF THE ELECTRON ENERGY DISTRIBUTION FUNCTION IN A LOW-POWER HALL THRUSTER DISCHARGE AND NEAR-FIELD PLUME	Invited Presentation
Ionut		TOPALA	Alexandru Ioan Cuza University of Iasi	Iasi	Romania	2	CARBON DUST GROWTH IN ATMOSPHERIC PRESSURE PLASMAS	Invited Presentation
Alina		VLADESCU	National Institute for Optoelectronics INOE2000	Magurele	Romania	2	CARBONITRIDE COATINGS FOR DIFFERENT APPLICATIONS	Invited Presentation
Rodica		VLADOIU	Ovidius University of Constanta	Constanta	Romania	2	SYNERGIES BETWEEN THERMIONIC VACUUM ARC SYSTEM AND LASER PROCESSES IN THE LTVA METHOD FOR THE SYNTHESIS OF THE TI-BASED NANOSTRUCTURES	Invited Presentation
Virgil		BARAN	University of Bucharest	Bucharest	Romania	3	NUCLEAR CORE EXCITATION IN THE DYNAMICS OF PYGMY DIPOLE RESONANCE	Invited Presentation
Viktor		BODNARCHUK	Joint Institute for Nuclear Research	Dubna	Russia	3	FIRST EXPERIMENTAL TEST OF TIME-GRADIENT MAGNETIC FIELD SESANS DIFFRACTOMETER AT PULSED	Invited Presentation



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							REACTOR IBR-2	
Sergey		KOZHEVNIKOV	Joint Institute for Nuclear Research	Dubna	Russia	3	DEVELOPMENT OF NEUTRON SONDE MICROSCOPY	Invited Presentation
Mihai		RADU	Horia Hulubei National Institute of Physics and Nuclear Engineering	Magurele	Romania	3	ADVANCES IN BIO-MEDICAL APPLICATION OF IONIZING RADIATION AT IFIN-HH & ELI-NP	Invited Presentation
Nicolae		MARGINEAN	"Horia Hulubei" National Institute for Physics and Nuclear Engineering	Magurele	Romania	3	A NOVEL APPROACH IN NUCLEAR STRUCTURE GAMMA SPECTROSCOPY IN SUB-BARRIER TRANSFER WITH HEAVY IONS USING ROSPHERE	Invited Presentation
Rares		SUVAILA	IFIN-HH	Bucharest	Romania	3	TOWARDS MANIPULATION OF QUANTUM GAMMA PHOTONS	Invited Presentation
Maria		BALASOIU	Joint Institute for Nuclear Research	Dubna	Russia	4	COMPLEX STRUCTURAL INVESTIGATIONS OF COFE ₂ O ₄ FERROFLUID-BASED LOW VISCOSITY SODIUM ALGINATE MEMBRANES	Invited Presentation
Mircea		DRAGOMAN	National Institute for Research and Development in Microtechnology	Bucharest	Romania	4	GRAPHENE/ HFO ₂ FERROELECTRIC NANOELECTRONIC DEVICES	Invited Presentation
Marilena		FERBINTEANU	University of Bucharest	Bucharest	Romania	4	THE MAGNETIC ANISOTROPY IN SIMPLE LANTHANIDE UNITS	Invited Presentation
Vasily	T	LEBEDEV	B.P.Konstantinov Petersburg Nuclear Physics Institute, NRC "Kurchatov Institute"	Gatchina	Russia	4	NEUTRON STUDIES OF STRUCTURE AND DYNAMICS OF MOLECULAR AND POLYMER SELF-ASSEMBLED SYSTEMS	Invited Presentation
Oara		NEUMANN	Rice University	Houston	USA	4	GREEN PRODUCTION OF BIOETHANOL	Invited Presentation
Dmitry		NIKOLAYEV	Joint Institute for Nuclear Research	Dubna	Russia	4	TEXTURE ANALYSIS OF MODERN, SUBFOSSIL AND FOSSIL BIVALVE MOLLUSK SHELLS	Invited Presentation
Camelia		BALA	University of Bucharest	Bucharest	Romania	5	TUNABLE BIO-INTERFACE FOR BIOSENSING APPLICATIONS	Invited Presentation
Sergey	E	KICHANOV	Joint Institute for Nuclear Research	Dubna	Russia	5	THE NEUTRON IMAGING STUDIES OF CULTURAL HERITAGE	Invited Presentation
Baki		AKKUS	Istanbul University	Istanbul	Turkey			Invited Presentation
Sara		AIT BOUZID	Sultan Moulay Slimane University	Beni-Mellal	Morocco	1	MAGNETOCALORIC EFFECT IN ALKALI METALS DOPED LANTHANUM MANGANITE PEROVSKITES	Oral Presentation



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Oussama		AITMELLAL	Sultan Moulay Slimane University	Beni-Mellal	Morocco	1	STRUCTURAL AND OPTICAL PROPERTIES OF CE ³⁺ -MN ²⁺ + CO-DOPED LANTHANUM PHOSPHATE FOR CRYSTALLINE SILICON SOLAR CELLS	Oral Presentation
Sara		AZMI	University Hassan II Casablanca	Casablanca	Morocco	1	EFFECT OF ANNEALING ON STRUCTURAL PROPERTIES OF ELECTRODEPOSITED CZTS THIN FILMS	Oral Presentation
Adela		BARA	National Institute for Research and Development in Electrical Engineering	Bucharest	Romania	1	CARBON NANOMATERIALS OBTAINED BY ELECTRICAL EXPLOSION OF GRAPHITE RODS IN WATER	Oral Presentation
Ion	C	CALINA	National Institute for Laser, Plasma and Radiation Physics	Magurele	Romania	1	EVALUATION OF CHITOSAN/PVP HYDROGELS CONTAINING IBUPROFEN AND NANOSILVER PREPARED BY E-BEAM CROSS-LINKING	Oral Presentation
Ioana		DASCALESCU	National Institute of Materials Physics	Magurele	Romania	1	EXTENSION OF SHORT-WAVE INFRARED DETECTION BY SN ALLOYING OF GE NANOCRYSTALS	Oral Presentation
Iosif	G	DEAC	University Babes-Bolyai Cluj-Napoca	Cluj-Napoca	Romania	1	MAGNETIC PROPERTIES OF (Ni;Co)Fe ₂ O ₄ /SiO ₂ NANOCOMPOSITES	Oral Presentation
Adina	M	DOBOS	"Petru Poni" Institute of Macromolecular Chemistry	Iasi	Romania	1	IONIC EXCHANGE MEMBRANES BASED ON QUATERNIZED POLYSULFONES: DIELECTRIC RESPONSE	Oral Presentation
Andrei		GALATANU	National Institute of Materials Physics	Magurele	Romania	1	DEVELOPMENT OF W-W LAMINATES, FIGHTING AGAINST W BRITTLENESS	Oral Presentation
Magdalena		GALATANU	National Institute of Materials Physics	Magurele	Romania	1	IMPROVED W-MONOBLOCK WITH EMBEDDED FUNCTIONALLY GRADED THERMAL BARRIERS FOR THE DEMO DIVERTOR	Oral Presentation
Ion	I	GROSU	Babes-Bolyai University	Cluj-Napoca	Romania	1	SINGLE MATERIAL ORGANIC SOLAR CELLS EXHIBITING FULLERENE AS ACCEPTOR AND TRI-OR DIARYL AMINES AS DONORS	Oral Presentation
Daniela		ION-EBRASU	National Institute for Cryogenics and Isotopic Technologies	Ramnicu Valcea	Romania	1	THERMAL AND ELECTROCHEMICAL CHARACTERIZATION OF THE GRAPHENE MODIFIED CATION-EXCHANGE MEMBRANES FOR WATER ELECTROLYSIS	Oral Presentation
Raluca	M	IVAN	National Institute for Lasers, Plasma and Radiation Physics	Bucharest	Romania	1	LASER SYNTHESIS OF HYBRID MATERIALS FOR REMOVAL OF PHARMACEUTICAL PRODUCTS FROM AQUEOUS SOLUTION	Oral Presentation
Evgenii		LUKIN	Joint Institute for Nuclear Research	Dubna	Russia	1	THE HIGH-PRESSURE NEUTRON DIFFRACTOMETER DN-6 ON IBR-2 REACTOR: RESENT RESULTS	Oral Presentation
Levente		MATHE	National Institute for Research	Cluj-Napoca	Romania	1	THERMOELECTRIC TRANSPORT THROUGH A QUANTUM	Oral



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			and Development of Isotopic and Molecular Technologies/Babeş-Bolyai University				DOT CONNECTED TO GRAPHENE LEADS: TRANSITION FROM THE COULOMB BLOCKADE TO THE KONDO REGIME	Presentation
George	A	NEMNES	University of Bucharest	Bucharest	Romania	1	HYSTERESIS IN PEROVSKITE SOLAR CELLS: CHARGE ACCUMULATION VS. CHARGE COLLECTION MODELS	Oral Presentation
Roxana	A	ONE	Babes-Bolyai University/Technical University of Cluj-Napoca	Cluj-Napoca	Romania	1	ELECTRIC FIELD SWITCHING OF MAGNETIZATION IN HM-CO-MGO SYSTEM: EXPERIMENTS, AB-INITIO, MICROMAGNETIC AND ATOMISTIC STUDIES	Oral Presentation
Ovidiu		PANA	National Institute for R & D of Isotopic and Molecular Technologies	Cluj-Napoca	Romania	1	ROS GENERATION AND PHOTOCATALYTIC ACTIVITIES OF INTERFACE MODIFIED SNO ₂ -TiO ₂ COMPOSITES	Oral Presentation
Ana-Maria		PANAITESCU	University of Bucharest	Bucharest	Romania	1	ON THE FABRICATION AND CHARACTERIZATION OF CDTE EMBEDDED CU NANOWIRE ARRAYS FOR PHOTOVOLTAIC APPLICATIONS	Oral Presentation
Alexandra		POPESCU	West University of Timisoara	Timisoara	Romania	1	MODELING OF AN ACRT PROCEDURE IN A CZOCHRALSKI CRYSTAL GROWTH PROCESS FOR SOLAR SILICON	Oral Presentation
Ana-Maria		RADUTA	University of Bucharest	Bucharest	Romania	1	PHYSICAL PROPERTIES OF RF-SPUTTERED ZNS AND ZNSE THIN FILMS USED FOR DOUBLE-HETEROJUNCTION ZNS/ZNSE/CDTE PHOTOVOLTAIC STRUCTURES	Oral Presentation
Anton	V	RUTKAUSKAS	Joint Institute for Nuclear Research	Dubna	Russia	1	STRUCTURAL AND MAGNETIC PROPERTIES OF YCO ₄ B AND YCO ₄ SI COMPOUNDS UNDER HIGH PRESSURES	Oral Presentation
Romulus		TETEAN	Babes-Bolyai University	Cluj Napoca	Romania	1	PHYSICAL PROPERTIES OF NANOSTRUCTURED ND _{0.6} -XBIXSR _{0.4} MNO ₃ COMPOUNDS	Oral Presentation
Maria		TOMA	Babes-Bolyai University	Cluj-Napoca	Romania	1	OPTICAL AND STRUCTURAL PROPERTIES OF CO-DOPED ZNO (GA AND RARE EARTHS) THIN FILMS DEPOSITED BY RF MAGNETRON SPUTTERING TECHNIQUE	Oral Presentation
Vitalii		TURCHENKO	Joint Institute for Nuclear Research	Dubna	Russia	1	MAGNETIC AND FERROELECTRIC PROPERTIES, CRYSTAL AND MAGNETIC STRUCTURES OF SRFE _{11.9} IN _{0.1} O ₁₉	Oral Presentation
Mohamed	Y	ZAKI	Ibn Tofail University	Kenitra	Morocco	1	EFFECT OF ADDITIVES ON THE PROPERTIES OF ELECTRODEPOSITED CZTS THIN FILMS	Oral Presentation
Iulia		ANTOHE	National Institute for Laser, Plasma and Radiation Physics	Bucharest	Romania	2	DEVELOPMENT OF A POLYANILINE COATED FIBER OPTIC SURFACE PLASMON RESONANCE SENSOR FOR PH MONITORING	Oral Presentation
Madalina		BOCA	University of Bucharest	Bucharest	Romania	2	THOMSON SCATTERING OF HELICAL BEAMS	Oral



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								Presentation
Lidia	R	CONSTANTIN	National Institute for Optoelectronics INOE2000	Bucharest	Romania	2	INVESTIGATION OF ZRCN AND ZRCRSICN PROTECTIVE COATINGS FOR INDUSTRIAL APPLICATIONS	Oral Presentation
Mohamme		GUERBOUB	Sidi Mohamed Ben Abdellah University	Fez	Morocco	2	PROTON NIEL CALCULATION FOR GAAS USING GEANT4 MONTE CARLO CODE.	Oral Presentation
Konstantin		LEVTEROV	Joint Institute for Nuclear Research	Dubna	Russia	2	LASER ION SOURCE BASED ON THE ND-YAG LASER FOR THE COMMISSIONING OF THE HEAVY IONS LINEAR ACCELERATOR IN FRAMEWORK OF NICA PROJECT	Oral Presentation
Denis	M	PANAITESCU	National Institute for Research and Development in Chemistry and Petrochemistry	Bucharest	Romania	2	INFLUENCE OF SURFACE MODIFIED CELLULOSE ON THE PROPERTIES OF BIOMEDICAL POLYESTER SCAFFOLDS	Oral Presentation
Pavel		STAHEL	Masaryk University	Brno	Czech Rep.	2	THERMAL DESORPTION SPECTROSCOPY INVESTIGATION OF DBD PLASMA MODIFIED ALUMINIUM OXIDE SUBMICRON POWDERS	Oral Presentation
Andrei		STOCHIOIU	National Institute for Lasers, Plasma and Radiation Physics	Bucharest	Romania	2	FABRICATION AND CHARACTERISATION OF BIPLASMONIC SUBSTRATES OBTAINED BY PICOSECOND LASER PULSES	Oral Presentation
Marina		TURCAN	Institute of Applied Physics	Chisinau	Rep. of Moldova	2	TWO MODAL FIELD FOR COHERENT RAMAN EXCITATION OF MOLECULAR VIBRATION	Oral Presentation
NICOLETA		VASILE	National Institute for Laser, Plasma and Radiation Physics	Bucharest	ROMANIA	2	COMPARISON OF THE PROPERTIES OF IZO AND AZO THIN FILMS DEPOSITED BY RF MAGNETRON SPUTTERING	Oral Presentation
Elena		VLADESCU	University of Bucharest	Slatina	Romania	2	PLASMONIC PULSE SHAPING IN SLOT WAVEGUIDES	Oral Presentation
Ana		CHIRIACESCU	Horia Hulubei National Institute of Physics and Nuclear Engineering	Magurele	Romania	3	SIMULATIONS USED FOR THE DESIGN AND INTERPRETATION OF CYCLOTRON EXPERIMENTS	Oral Presentation
Liviu	S	CRACIUN	Horia Hulubei National Institute for Physics and Nuclear Engineering	Magurele	Romania	3	INSTALLATION AND COMMISSIONING OF A NEW SOLID TARGET STATION AT CYCLOTRON FACILITY IN IFIN-HH	Oral Presentation
Marin		DINCA	Institute for Nuclear Research	Mioveni	Romania	3	IMAGING WITH THERMAL NEUTRONS AND GAMMA RADIATIONS FOR GEOLOGICAL SAMPLES	Oral Presentation
Simona		DIRLECI	Horia Hulubei National Institute for Physics and Nuclear	Bucharest	Romania	3	QUARKONIA PRODUCTION AT LHC IN PROTON-PROTON COLLISIONS FOR THE FORWARD RAPIDITY REGION	Oral Presentation



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			Engineering					
Daniela	M	DOGARU	National Commission for Nuclear Activities Control	Bucharest	Romania	3	PROGRESSES IN THE IMPLEMENTATION OF RADON NATIONAL ACTION PLAN IN ROMANIA	Oral Presentation
Alexandru	C	ENE	Horia Hulubei National Institute for Physics and Nuclear Engineering	Magurele	Romania	3	LHC MINIMUM BIAS MEASUREMENTS IN THE FORWARD REGION FROM PROTON-PROTON COLLISIONS AND PREDICTIONS OF MONTE CARLO EVENT GENERATORS	Oral Presentation
Marin		FOCSANEANU	Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering	Magurele	Romania	3	A DIGITAL POSITRON ANNIHILATION LIFETIME SPECTROMETER	Oral Presentation
Veta		GHENESCU	Institute of Space Science	Bucharest	Romania	3	DESIGN AND PERFORMANCE STUDIES OF THE LUMINOMETERS FOR FUTURE LINEAR COLLIDER EXPERIMENTS	Oral Presentation
Mircea		LECHINTAN	Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering	Magurele	Romania	3	THE STUDY OF ARCHAEOLOGICAL OBJECTS USING X-RAY COMPUTED TOMOGRAPHY	Oral Presentation
Andreea		MITU	IFIN-HH	Bucharest	Romania	3	TARGET PREPARATION AND CHARACTERIZATION FOR NUCLEAR PHYSICS EXPERIMENTS	Oral Presentation
Bagdaulet		MUKHAMETULY	Al-Farabi Kazakh National University	Almaty	Kazakhstan	3	MODERN FACILITY FOR NEUTRON RADIOGRAPHY AND TOMOGRAPHY FOR APPLIED RESEARCH ON THE BASE OF THE WWR-K REACTOR	Oral Presentation
Marta		PETRUNEAC	Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering	Magurele	Romania	3	POSITRON ANNIHILATION SPECTROSCOPY STUDIES ON POLYETHYLENE IMPLANTED WITH CU IONS USING AN ECR ION SOURCE	Oral Presentation
Hatice		YILMAZ ALAN	Ankara University	Ankara	Turkey	3	DETERMINATION OF RADON LEVELS IN ISTANBUL UNDERGROUND TRANSPORTATION SYSTEMS	Oral Presentation
Inga		ZINICOVSCAIA	Joint Institute for Nuclear Research	Dubna	Russia	3	METAL REMOVAL FROM CHROMIUM CONTAINING EFFLUENTS BY SACCHAROMYCES CEREVISIAE	Oral Presentation
Dan		CHICEA	Lucian Blaga University of Sibiu	Sibiu	Romania	4	A NON-CONVENTIONAL OPTICAL PROCEDURE FOR ESTIMATING LIVING CELLS CONCENTRATION IN AQUEOUS SUSPENSIONS	Oral Presentation
Alpaslan		TURGUT	Dokuz Eylul University	Izmir	Turkey	4	EXTERNAL MAGNETIC FIELD INFLUENCE ON THE VISCOSITY OF FE ₃ O ₄ -WATER MAGNETIC NANOFUID	Oral Presentation
Bogdan	N	VIVIRSCHI	University of Bucharest	Bucharest	Romania	4	ANALYSIS OF THE SCALE FREE BEHAVIOR OF WAITING TIME DISTRIBUTIONS FOR EARTHQUAKES	Oral Presentation



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Maria	A	ZORAN	National Institute of R&D for Optoelectronics INOE 2000	Bucharest	Romania	4	ANOMALOUS SEISMO-LAI VARIATIONS POTENTIALLY ASSOCIATED WITH SOME MODERATE VRANCEA EARTHQUAKES	Oral Presentation
Tudor	V	BARBU	Institute of Computer Science of the Romanian Academy	Iasi	Romania	5	STRUCTURAL INPAINTING TECHNIQUES USING EQUATIONS OF ENGINEERING PHYSICS	Oral Presentation
Felix	V	BORLEANU	National Institute for Earth Physics	Magurele	Romania	5	SPATIO-TEMPORAL DISTRIBUTION OF SEISMICITY AND SOURCE PROPERTIES AT IZVORUL MUNTELUI DAM NORTHEAST ROMANIA	Oral Presentation
Othmane		DAOUDI	Faculty of Sciences	Kenitra	Morocco	5	LOW COST NANOSTRUCTURED CUO THIN FILMS DEPOSITED BY SUCCESSIVE IONIC LAYER ADSORPTION AND REACTION (SILAR) METHOD	Oral Presentation
Oleksandr		DOROSHKEVYCH	Joint Institute for Nuclear Research	Dubna	Russia	5	MARTENSITIC PHASE TRANSITION IN YTTRIUM-STABILIZED ZRO2 NANOPOWDERS BY ADSORPTION OF WATER	Oral Presentation
George		DUMITRU	National Institute for Research and Development in Electrical Engineering	Bucharest	Romania	5	CRYOGENIC SYSTEM FOR NEON SOLIDIFICATION AND POSITRON SOURCE COOLING AT ELI-NP	Oral Presentation
Dan		ENACHE	National Institute for Research and Development in Electrical Engineering	Bucharest	Romania	5	NUMERICAL MODELING OF QUENCH THERMAL PROPAGATION IN A SUPERCONDUCTING HTS COIL	Oral Presentation
Elizaveta	A	GRIDINA	Dubna International University	Dubna	Russia	5	FORMATION AND INVESTIGATION OF THE PROPERTIES OF COMPOSITE BASED ON ZIRCONIUM DIOXIDE ZRO2 FOR SENSOR APPLICATION	Oral Presentation
Rodica	M	ION	ICECHIM/ Valahia University	Bucharest	Romania	5	DATING THERMOLUMINESCENCE AND MICROSTRUCTURAL CHARACTERIZATION OF ARCHAEOLOGICAL CERAMIC SAMPLES FROM CORVINS CASTLE AREA	Oral Presentation
Tatiana	A	LYCHAGINA	Joint Institute for Nuclear Research	Dubna	Russia	5	QUANTITATIVE DETERMINATION OF CEMENTITE IN STEELS USING NEUTRON DIFFRACTION	Oral Presentation
Kuanysh		NAZAROV	Joint Institute for Nuclear Research	Dubna	Russia	5	THE NEW FACILITY OF NEUTRON RADIOGRAPHY AND TOMOGRAPHY AT THE RESEARCH REACTOR WWR-K IN ALMATY, KAZAKHSTAN	Oral Presentation
Nahit		OZTOPRAK	Department of Mechanical Engineering, Dokuz Eylul	Izmir	Turkey	5	FATIGUE BEHAVIOUR AND MECHANICAL PROPERTIES OF AA6061/SIC/20P COMPOSITE AND AA6061-T6	Oral Presentation



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			University				DISSIMILAR JOINT FABRICATED BY FRICTION STIR WELDING	
Laura		RADULESCU	IFIN-HH	Bucharest	Romania	5	OPTIMIZING THE MECHANICAL STRUCTURE OF THE INNER TRD MODULES FOR LOW MATERIAL BUDGET AND CONSTRUCTION PROCEDURES	Oral Presentation
Andrey		ROGACHEV	Joint Institute for Nuclear Research	Dubna	Russia	5	COMPLEMENTARY USE X-RAY SCATTERING AND ELECTRON MICROSCOPY FOR STRUCTURAL BIOLOGY	Oral Presentation
Constantin	C	STOCHIOIU	University Politehnica of Bucharest	Bucharest	Romania	5	VISCO-ELASTOPLASTIC MODELING OF FLAX FIBER "EPOXY RESIN COMPOSITE MATERIALS	Oral Presentation
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Florin Moscalu, PH.D.
Chair, Department of Physics and Electronics
Ovidius University of Constanța
Workshop Chairman

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