

id	Authors	Title	Presentation type	Section		
1	Doru Sticlet, Balázs Dóra and Paşcu Cătălin Moca	LINEAR RESPONSE THEORY FOR NON-HERMITIAN SYSTEMS	oral	CMP		
2	L. Velea, M.T. Udristoiu, S. Puiu, R. Motisan	ESTIMATION OF PM10 POLLUTION LEVEL FOR 2021 IN FIVE MAJOR ROMANIAN CITIES USING INDEPE	oral	API		
4	István Tóth, Katalin Kovács and Valer Toşa	RECONSTRUCTION OF FEMTOSECOND LASER PULSES BY CONVOLUTIONAL NEURAL NETWORKS	poster	TCP		
5	L. Hrostea, M. R. Sandu, A. P. Rambu, S. Tascu	HIGH CONTROL AND REPRODUCIBILITY OF INDEX CONTRAST OF LITHIUM NIOBATE WAVEGUIDES FA	oral	API		
6	M. R. Sandu, L. Hrostea, A. P. Rambu, F. Doutre, V. Tiron, S. Tascu	High vacuum Vapor-phase Proton Exchange LiNbO3 optical waveguides with High-index contrast	oral	API		
7	Ondrej Bošák, Petr Kostka, Marian Kubliha, Svetlana Lukic-Petrovic, Goran Štr	ELECTRICAL A DIELECTRIC PROPERTIES OF ZINC LEAD TELLURITE GLASSES WITH LEAD IN VARIOU	poster	API		
8	Marian Kubliha, Petr Kostka, Roman Yatskiv, Laurent Calvez, David Le Coq, P	PREPARATION AND LUMINESCENCE PROPERTIES OF Pr-DOPED HEAVY METAL OXIDE GLASSES BY K	poster	API		
9	I.M. Vladisavlevici, X. Ribeyre, D. Vizman, E. d'Humieres	INVESTIGATION OF GAMMA PHOTON SOURCES USING NEAR-CRITICAL DENSITY TARGETS TOWARD	oral	TCP		
10	Adrian Palcu	A POWERFUL TOOL FOR PARTICLE PHYSICS: THE GENERALIZED GAUGE MODEL $SU(3)_c \otimes SU(n)_L \otimes U($	oral	TCP		
11	Ionut Topala, Andrei Sandu, Ioana Cristina Gerber, Mihai Stratiuc, Decebal Ia	ON THE DESTRUCTION RATES OF HYDROCARBON DUST IN INTERSTELLAR MEDIUM	oral	API		
12	Catalin Pascu Moca	Quantum Quench and Charge Oscillations in the SU(3) Hubbard Model	plenary	CMP		
13	Ioana-Claudia Costin, Loredana G. Marcu	THE OUTCOME OF BREAST CANCER RADIOTHERAPY AS A FUNCTION OF SETUP ERRORS	oral	API		
14	Ion I. Cotaescu	Spin, polarization and coordinate operators of massive Dirac's fermions	plenary	TCP		
15	Marius Belc, Semaghiul Birghila, Nicoleta Matei, Mihaela Maris	The presence of heavy metals in dental caries, permanent teeth, coming from a polluted work environment	poster	API		
16	Sergiu-Mihai Hategan and Marius Paulescu	Analysis and calibration of GFS solar irradiation forecasts for Timisoara	poster	API		
17	Gheorghe Adam and Sanda Adam	TOWARD OBJECT ORIENTED BAYESIAN TWO-RULE AUTOMATIC ADAPTIVE QUADRATURE	invited	TCP		
18	Sergiu Busuioac	Lattice Boltzmann model for dense gas flows	oral	TCP		
19	Robert Blaga	PM modelling through land-use regression in Timișoara, Romania	oral	API		
20	Alina MOȘIU, Lorena IANCU, Ramona Marina GRIGORESCU, Anca Irina GHE	STRUCTURAL AND MORPHOLOGICAL INVESTIGATIONS OF MOSAICS FROM BANLOC CASTLE (ROMA	poster	API		
21	Adina Vanciu Rau, Raluca Dinescu, Mircea Radulian, Mihail Lungu	IDENTIFICATION OF ANTROPHIC ACTIVITY INTERFERENCE IN THE SEISMIC CATALOGUE FOR BANAT	poster	API		
22	Ardeleanu Helmina, Iordana Astefanoaiei, Dorina-Emilia Creanga	HYPERTHERMIA WITH NANOPARTICLES IN THE FORM OF FERRITES	oral	API		
23	M. Dolineanu and D. V. Anghel	Quantum Effects Related to Toroidal Dipole Moments and the Possibility of Observing Them	oral	TCP		
24	Coriolan Viorel Tiuşan, Roxana Alina One, Sever Mican, Marius Joldos	MICROMAGNETIC DESIGN OF SKYRMIONIC MATERIALS AND CHIRAL MAGNETIC CONFIGURATIONS IN	plenary	CMP		
25	M.T. Udristoiu, A. Dudáš, A. Michalíková, J. Škrinářová, J. Raganová, M. Hruší	USING ADVANCED TECHNOLOGIES TO PROCESS DATA GIVEN BY A PM SENSOR	invited	API		
26	Iosif Malaescu, Alexandrina Teusdea, Octavian M. Bunoiu, Catalin N. Marin	INVESTIGATIONS OF SOME ELECTROMAGNETIC PROPERTIES IN LOW FREQUENCY FIELD OF THE SI	poster	CMP		
27	T.-G. DUMITRU, R. SOLOMON, A.I. NICOLIN	STATISTICS OF MOON SURFACE CRATERS	poster	TCP		
28	Chicea Dan, Maranciuc Alexandra, Olaru Sorin	NANOPARTICLES SIZE DISTRIBUTION ASSESSMENT BY DIRECT OPTICAL PARTICLE TRACKING	poster	API		
29	Chicea Dan and Olaru Sorin	PROFILING PARTICLES OF SAHARA DUST SETTLED IN ROMANIA BY A SIMPLIFIED DYNAMIC LIGHT SC	poster	API		
30	C. Enachescu, D. Plesca, A. I. Chilug, A. Railean, L. Stoleriu	MECHANOELASTIC MODEL FOR SPIN-CROSSOVER MOLECULAR MAGNETS	plenary	API		
31	Zh. Raykova, D. Stoyanova, M.T. Udristoiu, H. Yidizhan, J. Raganova, E. Yilmaz	SOME MODERN METHODS RELATED TO ADVANCED TECHNOLOGIES IN TEACHING STEM SPECIALIST	oral	EP		
32	Andreea I. Budaca	UNIVERSAL DECAY LAW FOR $\alpha$ -DECAY WITH SCREENING CORRECTION	oral	TCP		
33	D. Racolta, M. Balasoiu, C. Andronache, L. Mihaly-Cozmuta, A.V. Rogachev, O	STRUCTURAL INVESTIGATION OF $x(\text{V2O5})-(100-x)[\text{P2O5-Li2O}]$ and $x\text{V2O5}-(100-x)[\text{P2O5-CaO}]$ GLASS SY	poster	API		
34	Maria-Roxana Biricioiu, Dana Crăciun	INFLUENTA CLASEI OGILINDITE (FLIPPED CLASSROOM) ASUPRA ELEVILOR DE LICEU LA ORA DE FIZI	oral	EP		
35	Nicola Cristina Madalina	Eyeballs scattered irradiation doses induced in a X-rays treatment	poster	API		
36	Calin Alexa	The Higgs boson: discovery, current status and future plans	plenary	TCP		
37	Dumitru N. Vulcanov	New experiences and facts in multimedia teaching of cosmology, astrophysics and space technology to studen	oral	EP		
38	Robert Poenaru	Description of the Wobbling Motion through a Boson Method	oral	TCP		
39	F. Jacob, N. Pop, F. Gauchet, J. Zs Mezei, I. F. Schneider and J. Tennyson	Super-excited states of NS relevant for electron/NS+ collisions	oral	TCP		
40	Andreea Sabadus and Marius Paulescu	THE IMPACT OF ACCURATE PARAMETERS ESTIMATION OF A SOLAR CELL ON PV MODULE PERFORM	poster	API		
41	Marius Stef, Gabriel Buse, Carla Schornig and Maria Poienar	DISLOCATIONS IN PbF2 DOPED BaF2 CRYSTALS	poster	CMP		
42	M. Balasoiu, O. M. Bunoiu, V.T. Lebedev, S.V. Kozhevnikov, L. Almasy, Yu.V. N	STRUCTURE ORGANIZATION OF SILICONE-RUBBER BASED MAGNETIC AND MAGNETORHEOLOGICAL	poster	API		
43	Antoanetta Corina LUNGU, Adina Daniela MIOC	METHODS USED FOR THE PURPOSE OF MOTIVATING THE STUDY OF PHYSICS AT THE LEVEL OF THE	poster	EP		
44	P. Kapusniak, I. Radkowska, P. Bragiel	ANALYSIS OF THE SURFACE LAYER OF BIOACTIVE GLASS BEFORE AND AFTER THE IN VITRO TEST IN	invited	CMP		
45	Laura Hrostea and Liviu Leontie	Study of electrical properties of some organic ternary blends thin films for photovoltaic applications	poster	API		
46	Cosmin Crucean and Diana Dumitrele	Production of Z bosons and electron-positron pair in de Sitter universe	poster	TCP		
47	Alexandra-Ioana Chilug, Cristian Enăchescu, Laurențiu Stoleriu, Pradi	Cooperativity in mixed spin crossover molecular magnets analyzed through a mechanoelastic model	oral	CMP		
48	Roxana Capu, Subhrangsu Sarkar, Edith Perret, Christopher W. Nicholson, Eu	Long-ranged Cu-based order at cuprate/manganite interface	oral	CMP		
49	Maria Poienar, Gabriel Buse, Paula Sfirloaga, Daniel Vizman, Marius Stef, Ana	STUDY OF COBALT PHOSPHATES: SYNTHESIS AND THERMAL PROPERTIES	poster	CMP		
50	G.D. Lascu, D.M. Bălățeanu, M. Lungu and A. Neculae	A NUMERICAL ANALYSIS OF PARTICLE HANDLING BY STANDING ACOUSTIC AND DIELECTROPHORET	poster	API		
51	D. COSTACHE, A.I. NICOLIN	UNDERSTANDING THE FORMATION OF SHOCK WAVES THROUGH THE NUMERICAL SOLUTION OF BU	poster	EP		
52	T.-G. DUMITRU, A.I. NICOLIN and E.G. SPANAKIS	WAITING TIMES DISTRIBUTIONS IN CRIPTOCURRENCY EXCHANGE RATES	poster	TCP		
53	I.s STANCIU, A. STANCEA, A.I. NICOLIN	STATISTICS OF MUSICAL NOTES	poster	API		
54	S. MICLUȚA-C MPEANU, D. DORIA, A.I. NICOLIN	LAYERED PLANAR TARGETS FOR THE PRODUCTION OF GAMMA BEAMS USING HIGH-POWER LASER	poster	TCP		
55	G.T. Pană and A.I. Nicolin	Distribution of Waiting Times for Average Sea Levels in Trieste Harbor	poster	TCP		
56	Victor E. Ambruș, Clemens Werthmann and Sören Schlichting	ATTRACTORS FOR FLOW OBSERVABLES IN 2+1D BJORKEN FLOW	oral	TCP		
57	Remus Boata	FORECASTING THE SUNSPOT NUMBER BY USING ARTIFICIAL INTELLIGENCE TECHNIQUES	poster	API		
58	Remus Boata	A HYBRID METHOD FOR MODELING SOLAR IRRADIATION IN TIMISOARA	poster	API		

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