

CONFERENCE MITRE-2021, JULY 01-03, 2021, PROGRAMME

TIME-TABLE					
THURSDAY, JULY 01, 2021, CHIȘINĂU TIME, GMT/UTC+3					
09.00-09.20	Opening ceremony	https://us02web.zoom.us/j/84780243663			
Plenary session					
09.20-10.00	V. Barbu	https://us02web.zoom.us/j/84780243663			
10.00-10.40	F. G. Filip				
10.40-11.20	V. Brînzănescu				
11.20-11.40	<i>Coffee break</i>				
	Section 1 A&G&T ZOOM1	Section 2 A&DE&DS ZOOM2	Section 3 AM ZOOM3	Section 4 CS&IT ZOOM4	Section 5 D ZOOM5
Invited talks					
11.40-12.10	V. Popa	J. Llibre	D. Lozovanu	I. Andrieș	
12.10-12.40	D. Cheptea	S. Anița+	B. Hâncu+	A. Popa+	
12.40-13.10	T. Coconet	D. Tiba	M. Lefebvre	A. Colesnicov+	
13.10-14.40	<i>Lunch break</i>				
14.40-15.00	A. I. Nistor	M. Boureanu	D. Constantinescu +	V. Arnaut	M. Teleucă+
15.00-15.20	C. Anghel	V. Glavan+	F. Munteanu +	I.-D.Chirvase +	V. Ababii
15.20-15.40	N. Timofeeva	V. Guțu	A. Ionescu +	V. Ungureanu	A. Corlat+
15.40-16.00	D. Ganguly+	B. Kalitine	F. R. Saucedo-Zendejo	S. Scrob+	A.-F. Iordache+
16.00-16.20	<i>Coffee break</i>				
16.20-16.40	D. Butnaru+	A. Petrușel+	C.-P. Danet	M. Butnaru	S. Țicău
16.40-17.00	O. Cerbu+	A. Embarek+	G. Secrieru	Gh. Căpățână+	C. Ciubotaru
17.00-17.20	V. A. Shcherbacov+	V. Neagu+	V. Pațiuț+	I. Secrieru+	S. Pereteatcu+
17.20-17.40	B. Țarălungă	V. Dryuma	G. Sprincean	I. Ganea	N. Pleșca
17.40-18.00	E. Kuznetsova+	A. Grecu	T. Capcelea+	A. Țurcan+	L. Popov
18.00-18.20	F. Damian+	B.E. Breckner	I. Antohi+	O. Borozan	O. Caftanatov+
18.20-18.40		D. Stancu-Dumitru	L. Novac	S. Munteanu	V. Țicău+
18.40-19.00		O. Gok	I. Cucu	V. Briceag+	M. Cristei

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19.00-19.20		P. Homorodan		T. Bumbu	
19.20-19.40		Iu. Baltag			
19.40-20.00		C. Șterbeți			

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Plenary session					
09.00-09.40	V. E. Balas	https://us02web.zoom.us/j/84780243663			
09.40-10.20	M. Barbosu				
10.20-10.40	<i>Coffee break</i>				
	Section 1 A&G&T <u>ZOOM1</u>	Section 2 A&DE&DS <u>ZOOM2</u>	Section 3 AM <u>ZOOM3</u>	Section 4 CS&IT <u>ZOOM4</u>	
10.40-11.00	A. Lungu	C.-G. Lefter+	C. Stamate	T. Pașa+	
11.00-11.20	I. Gutul	Ya. Bihun+	A. Tkacenko	A. Y. F. Alsahlani+	
11.20-11.40	V. Arnautov+	A. Cernea	D. Solomon	S. Pereteatcu+	
11.40-12.00	S. A. Aleschenko+	R. Luca Tudorache	A. Leahu +	I. Țițchiev+	
12.00-12.20	V. Balcan	D. Cheban	A. Lazari	A. Parahonco+	
12.20-12.40	A. Popa	G. Rusu+	E. Naval	A. Gorea+	
12.40-13.00	E. Zamorzaeva	M. Khoma+	L. Mitev	Gh. Căpățână+	
13.00-14.40	<i>Lunch break</i>				
Plenary session					
14.40-15.20	D. Schlomiuk	https://us02web.zoom.us/j/84780243663			
15.20-16.00	I. Cialenco				
16.00-16.20	<i>Coffee break</i>				
		Section 2 A&DE&DS <u>ZOOM2</u>	Section 3 AM <u>ZOOM3</u>	Section 4 CS&IT <u>ZOOM4</u>	
16.20-16.40		N. Vulpe+	R. Buzatu	V. Briceag	
16.40-17.00		J. C. Artes	A. Drambyan+	M. Cristei	
17.00-17.20		R. Oliveira	A. Ghazaryan	D. Ieșeanu+	
17.20-17.40		N. Neagu+	K. Mkrtumyan	V. Ghiderman+	

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17.40-17.00		A. Şubă	L. Muradyan	V. Perlog+	
18.00-18.20		D. Cozma	T. Petrosyan +	D. Grechin+	
18.20-18.40		A. Grin+	A. Sahakyan+		
18.40-19.00		A.M. Travaglini+	A. Poştaru		
19.00-19.20		A.C. Rezende			
19.20-19.40		E. Musafirov			
19.40-20.00		B.-R. Satco			

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09.00-09.20	Opening ceremony	https://us02web.zoom.us/j/84780243663	
Plenary session			
https://us02web.zoom.us/j/84780243663			
	Chairperson:	A. Perjan	
09.20-10.00	V. Barbu	ASYMPTOTIC BEHAVIOUR OF SOLUTIONS TO NONLINEAR FOKKER-PLANCK EQUATIONS	
10.00-10.40	F. G. Filip	FROM MORON TO INTELLIGENT COACH: HOW THE COMPUTER CAN CONTRIBUTE TO WELLBEING	
10.40-11.20	V. Brînzănescu	GAUDUCHON METRICS AND STABILITY	
11.20-11.40	<i>Coffee break</i>		
Section 1. Algebra, Geometry and Topology			
https://us02web.zoom.us/j/84263767635			
Invited talks			
	Chairperson:	P. Sîrbu	
11.40-12.10	V. Popa	ON THE STRUCTURE OF SOME LCA GROUPS WITH LOCAL RING OF CONTINUOUS ENDOMORPHISMS	
12.10-12.40	D. Cheptea	POISSON GEOMETRY OF MODULI SPACES OF FLAT CONNECTIONS VIA UNIVERSAL FINITE-TYPE INVARIANTS	
12.40-13.10	T. Coconeţ	DOMINATION OF BLOCKS, FUSION SYSTEMS AND HYPERFOCAL SUBGROUPS	
13.10-14.40	<i>Lunch break</i>		

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	Chairperson:	V. Popa
14.40-15.00	A. I. Nistor	MAGNETIC CURVES IN $S^3 \times S^2$
15.00-15.20	C. Anghel	GROUP REPRESENTATIONS AND PLANE CURVES INVARIANTS
15.20-15.40	N. Timofeeva	SEMISTABLE PAIRS AND THEIR MODULI IN HIGHER DIMENSIONS
15.40-16.00	D. Ganguly, S. Dey, A. Bhattacharyya	CONFORMAL η -RICCI SOLITONS WITHIN THE FRAMEWORK OF ε -KENMOTSU MANIFOLDS
16.00-16.20	<i>Coffee break</i>	
	Chairperson:	A. Lungu
16.20-16.40	D. Butnaru, A. Țurcanu	WEAK REFLEXIVE SUBCATEGORY
16.40-17.00	O. Cerbu, D. Butnaru	LATTICE OF FACTORIZATION STRUCTURES $L(R)$
17.00-17.20	V. D. Chernov, N. M. Malyutina, V. A. Shcherbacov	GROUPOIDS OF ORDER THREE WITH BOL-MOUFANG IDENTITIES UP TO ISOMORPHISM
17.20-17.40	B. Țarălungă	THE SOLUTION OF THE DIOPHANTINE EQUATION $2x + 33y = z^2$
17.40-18.00	E. Kuznetsova, P. Syrbu	ON RECURSIVELY DIFFERENTIABLE QUASIGROUPS
18.00-18.20	F. Damian, P. Makarov	ON THE REGULAR STAR EQUIDISTANT POLYTOPES IN HYPERBOLIC SPACE
Section 2. Analysis, Differential Equations and Dynamical Systems		
https://us02web.zoom.us/j/89654363516		
Invited talks		
	Chairperson:	N. Vulpe
11.40-12.10	J. Llibre	C^1 INTEGRABILITY VIA PERIODIC ORBITS
12.10-12.40	S. Aniță, G. Dimitriu	REGIONAL CONTROL PROBLEM IN REACTION-DIFFUSION EQUATIONS. APPLICATION TO EPIDEMIOLOGY
12.40-13.10	D. Tiba	SOME PERIODICITY AND DIFFERENTIABILITY PROPERTIES OF HAMILTONIAN SYSTEMS
13.10-14.40	<i>Lunch break</i>	
	Chairperson:	D. Cheban
14.40-15.00	M. Boureau	MULTIPLE SOLUTIONS FOR ANIZOTROPIC ELLIPTIC SYSTEMS
15.00-15.20	V. Glavan, V. Guțu	LYAPUNOV FUNCTIONS AND CHAIN RECURRENT RELATIONS IN DISCRETE INCLUSIONS
15.20-15.40	V. Guțu.	AN ALGORITHM TO CONSTRUCT SOME KINDS OF PLANAR FRACTALS
15.40-16.00	B. Kalitine	REDUCTION PRINCIPLE FOR INSTABILITY OF ORDINARY DIFFERENTIAL EQUATIONS
16.00-16.20	<i>Coffee break</i>	
	Chairpersons:	V. Glavan, R. Luca-Tudorache

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16.20-16.40	A. Petrușel, G. Petrușel.	SOME NEW RESULTS IN METRIC FIXED POINT THEORY
16.40-17.00	A. Demidov, A. Embarek	ON THE UNIQUE SOLVABILITY OF THE CAUCHY BOUNDARY VALUE PROBLEM FOR A HYPERBOLIC EQUATION IN THE ABSENCE OF INITIAL DATA
17.00-17.20	V. Neagu, G. Vornicescu.	ON THE EQUIVALENCE OF SOME ALGEBRAS OF INTEGRAL OPERATORS WITH SHIFT
17.20-17.40	V. Dryuma	THE RIEMANN SPACES RELATED WITH NAVIER-STOKES EQUATIONS
17.40-18.00	A. Grecu	TWO EIGENVALUE-TYPE PROBLEMS IN EXTERIOR DOMAINS
18.00-18.20	B. E. Breckner	A METHOD FOR GENERATING LOCALLY CONVEX TOPOLOGIES WITH CERTAIN DENSITY PROPERTIES
18.20-18.40	D. Stancu-Dumitru	ASYMPTOTIC BEHAVIOR OF SOLUTIONS TO A CLASS OF INHOMOGENEOUS PROBLEMS
18.40-19.00	O. Gok	EXTENSION OF ORTHOSYMMETRIC MULTILINEAR OPERATORS
19.00-19.20	P. Homorodan	MAIA'S FIXED POINT THEOREMS FOR DISCONTINUOUS MAPPINGS
19.20-19.40	Iu. Baltag	ON SOME DETERMINATION SOLUTIONS OF THE STATIONARY 2D NAVIER-STOKES EQUATION
19.40-20.00	C. Șterbeți	ON THE CALCULATION OF INTEGRALS BY USING FAMOUS INTEGRALS
Section 3. Applied Mathematics		
https://us02web.zoom.us/j/87081356883		
Invited talks		
	Chairperson:	G. Rîbacova
11.40-12.10	D. Lozovanu	ON DETERMINING STATIONARY NASH EQUILIBRIA FOR AVERAGE SINGLE-CONTROLLER STOCHASTIC GAMES
12.10-12.40	B. Hâncu, E. Cataranciuc	PARALLEL ALGORITHM TO SOLVING 2D BLOCK-CYCLIC PARTITIONED BIMATRIX GAMES
12.40-13.10	M. Lefebvre	SURVIVAL MAXIMIZATION FOR TIME SERIES
13.10-14.40	Lunch break	
	Chairperson:	G. Rîbacova
14.40-15.00	D. Constantinescu, L. Bucur, R. Efre	THE STUDY OF A GENERAL EPIDEMIOLOGICAL MODEL
15.00-15.20	F. Munteanu, A. Ionescu	ABOUT LINEAR AND JACOBI STABILITY OF TWO-DIMENSIONAL COMPETITIVE LOTKA-VOLTERRA SYSTEMS
15.20-15.40	A. Ionescu, F. Munteanu	ON THE COMPUTATIONAL APPROACH OF THE CHUA DYNAMICAL SYSTEM IN A MODIFIED VERSION
15.40-16.00	F. R. Saucedo-Zendejo	A MESHFREE METHOD FOR PDES IN ENGINEERING PROBLEMS
16.00-16.20	Coffee break	
	Chairperson:	B. Hâncu
16.20-16.40	C.-P. Danet	ON MAXIMUM PRINCIPLES FOR STRINGS, BEAMS, MEMBRANES AND THIN PLATES

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16.40-17.00	G. Secrieru	APPROXIMATE ANALYTICAL APPROACH FOR REPRESENTING SOLUTIONS OF A SYSTEM OF ONE-DIMENSIONAL NAVIER-STOKES EQUATIONS
17.00-17.20	V. Pațiuț, G. Rîbacova	NUMERICAL MODELING AND CONTROL OF DYNAMIC PROCESSES IN A HEAT EXCHANGER
17.20-17.40	G. Sprincean	COMPARATIVE ANALYSIS OF LINEARIZATION TECHNIQUES WHEN MODELING NONLINEAR PROCESSES IN SEMICONDUCTOR DEVICES
17.40-18.00	T. Capcelea, M. Capcelea	LOCALIZATION OF SINGULAR POINTS OF MEROMORPHIC FUNCTIONS BASED ON INTERPOLATION BY RATIONAL FUNCTIONS
18.00-18.20	I. Antohi, B. Hâncu	A COMPARATIVE ANALYSIS OF THE CALCULATION TIME FOR THE DATA PARALLELIZATION IN BIMATRIX GAMES
18.20-18.40	L. Novac	MEASURES OF VALUE-AT-RISK
18.40-19.00	I. Cucu	ON A GENERALIZATION OF EXPRESSIBILITY AND COMPLETENESS IN SUPER-INTUITIONISTIC LOGICS
Section 4. Computer Science and IT https://us02web.zoom.us/j/89125383088		
Invited talks		
	Chairperson:	V. Ungureanu
11.40-12.10	I. Andrieș	APPLICATION OF GRAY SCALE IMAGE PROCESSING ALGORITHMS TO COLOR IMAGE PROCESSING
12.10-12.40	A. Popa, R.-Ș. Mincu	THE MAXIMUM EQUALITY-FREE STRING FACTORIZATION PROBLEM: GAPS VS. NO GAPS
12.40-13.10	L. Burtseva, S. Cojocaru, L. Malahov, A. Colesnicov	HETEROGENEOUS DOCUMENT PROCESSING: CASE STUDY OF MATHEMATICAL TEXTS
13.10-14.40	<i>Lunch break</i>	
	Chairperson:	A. Popa
14.40-15.00	V. Arnaut	POSSIBILITIES OF INCREASING THE OBJECTIVITY OF SUMMARY AND FINAL EVALUATIONS
15.00-15.20	V. Ungureanu	DISTRIBUTED MIS ALGORITHMS IN COORDINATED GRAPHS
15.20-15.40	I.-D. Chirvase, A. Popa, A. R. Molla	THE WOLFRAM LANGUAGE: MACHINE LEARNING, PROSE AND POETRY RESEARCH
15.40-16.00	S. Scrob, I. Lisnic, A. Leahu	MAXIMIZING A NEURAL NETWORK'S ACCURACY AND BOOSTING THE LEARNING PROCESS FOR DETECTING THE ABSOLUTE COLOR SIMILARITY BASED ON THE CENTROIDS OF NORMAL DISTRIBUTIONS
16.00-16.20	<i>Coffee break</i>	
	Chairperson:	V. Arnaut
16.20-16.40	M. Butnaru	THE KNOWLEDGE BASE STRUCTURE OF THE RESEARCH FIELD "MENTAL AND BEHAVIOURAL DISORDERS IN EPILEPSY"

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16.40-17.00	Gh. Căpățână, A. Popov, M. Butnaru	ASSESSING THE DISTANCES BETWEEN THE MENTAL AND BEHAVIORAL DISORDERS IN EPILEPSY
17.00-17.20	I. Secrieru, S. Țurcan, E. Guțuleac, O. Popcova	CONCEPT OF INFORMATIONAL TOOL FOR MAFLD AND COVID-19 SEVERITY INTERPLAY ASSESSMENT
17.20-17.40	I. Ganea	USE OF BIOSTATISTICS IN DATA ANALYSIS ON THE INFLUENCE OF BIOLOGICALLY ACTIVE SUBSTANCES ON PLANTS
17.40-18.00	A. Țurcan, A. Nistriuc	ADAPTIVE COMPUTING MODEL FOR DISTRIBUTED AND REAL-TIME APPLICATIONS
18.00-18.20	O. Borozan	EMBEDDED VOICE PROCESSOR FOR EMERGENCY CONTROL
18.20-18.40	S. Munteanu	MEMBRANE COMPUTING MODEL BASED ON JSON LANGUAGE
18.40-19.00	V. Briceag, T. Bragaru	CURRICULAR ASSURANCE OF THE INFORMATION SECURITY MANAGEMENT COURSE
19.00-19.20	T. Bumbu	ON CLASSIFICATION OF 17TH CENTURY FONTS USING NEURAL NETWORKS
Section 5. Didactics of Mathematics and Informatics https://us02web.zoom.us/j/82182551588		
13.10-14.40	Lunch break	
	Chairperson:	M. Cristei
14.40-15.00	M. Teleucă, L. Sali	APLICAȚII ALE ELEMENTELOR DE COMBINATORICĂ ÎN CONTEXTUL ABORDĂRII STEAM ÎN EDUCAȚIE
15.00-15.20	V. Ababii, V. Sudacevski, S. Munteanu, A. Țurcan, O. Borozan	PATTERN OF STUDENTS' KNOWLEDGE ASSESSMENT UNDER THE CONDITIONS OF DISTANCE TEACHING OF TECHNICAL SUBJECTS
15.20-15.40	A. Corlat, I. Jordan	APLICAȚIILE NUMERELOR COMPLEXE ÎN REZOLVAREA DIFERITOR PROBLEME
15.40-16.00	A.-F. Iordache, M. Racila	AN ALTERNATIVE APPROACH ON NEWTON AND LAGRANGE COEFFICIENTS OF THE INTERPOLATING POLYNOMIAL
16.00-16.20	Coffee break	
	Chairperson:	M. Teleucă
16.20-16.40	S. Țicău	APLICAREA DERIVATEI FUNCȚIEI DE O VARIABILĂ ÎN DIVERSE DOMENII ALE MATEMATICII
16.40-17.00	C. Ciubotaru	UTILIZAREA IMAGINILOR LA STUDIAREA AUTOMATELOR FINITE
17.00-17.20	A. Pereteatcu, S. Pereteatcu	UTILIZAREA ALTERNANȚELOR CONSECUTIVE PENTRU PARCURGerea ÎN SPIRALĂ A MATRICELOR PĂTRATICE, ÎNCEPÂND CU ELEMENTUL DIN CENTRU
17.20-17.40	N. Pleșca	TEHNOLOGII WEB, UTILIZATE ÎN DEZVOLTAREA CONȚINUTURILOR XR
17.40-18.00	L. Popov	DEZVOLTAREA COMPETENȚELOR DIGITALE LA STUDENȚII DE LA SPECIALITĂȚILE NON-IT ÎN CONDIȚIILE INSTRUIRII LA DISTANȚĂ LA UNITATEA DE CURS "TEHNOLOGII INFORMAȚIONALE ȘI COMUNICAȚIONALE"
18.00-18.20	V. Iamandi, O. Caftanatov	EVALUAREA E-LEARNING CU AJUTORUL LISTELOR DE VERIFICARE

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18.20-18.40	V. Țicău, S. Țicău	ASPECTE DE APLICARE A VECTORILOR PENTRU SIMULAREA OPERAȚIILOR CU MULȚIMI ÎN C++
18.40-19.00	M. Cristei	PRODUSE SOFTWARE PENTRU MODELAREA 3D

FRIDAY, JULY 02, 2021, CHIȘINĂU TIME, GMT/UTC+3		
Plenary session https://us02web.zoom.us/j/84780243663		
	Chairperson:	V. Ungureanu
09.00-09.40	V. E. Balas	NEXT GENERATION COMPUTING TECHNOLOGIES. AI HARDWARE AND NEW AI REGULATIONS
09.40-10.20	M. Barbosu	PREDICTIVE ANALYTICS APPLICATIONS IN IOT
10.20-10.40	<i>Coffee break</i>	
Section 1. Algebra, Geometry and Topology https://us02web.zoom.us/j/84263767635		
	Chairperson:	F. Damian
10.40-11.00	A. Lungu	ON THE FINITE GROUPS OF RECENT GENERALIZATIONS OF THE CLASSICAL SYMMETRY
11.00-11.20	I. Gutul	ON HYPERBOLIC 3-MANIFOLDS WITH RIGHT-ANGLED FUNDAMENTAL POLYHEDRON
11.20-11.40	V. I. Arnautov, G. N. Ermakova	SOME SUFFICIENT CONDITIONS FOR THE EXISTENCE OF NON-DISCRETE HAUSDORFF TOPOLOGIES ON COUNTABLE SKEW FIELDS
11.40-12.00	S. A. Aleschenko, V. I. Arnautov	SOME PROPERTIES OF ANALOGUES OF GENERALIZED NILPOTENT ELEMENTS OF COMMUTATIVE PSEUDO-NORMED RINGS
12.00-12.20	V. Balcan	A NEW WAY TO CLASSIFY GEODESICS ON HYPERBOLIC MANIFOLDS
12.20-12.40	A. Popa	ORTHONORMALIZATION OF LIMIT LINEAL BASIS
12.40-13.00	E. Zamorzaeva	ON THE COMPLETE ENUMERATION OF 3-ISOHEDRAL SPHERICAL TILINGS FOR GROUP SERIES NX
13.00-14.40	<i>Lunch break</i>	
Section 2. Analysis, Differential Equations and Dynamical Systems https://us02web.zoom.us/j/89654363516		
	Chairperson:	A. Perjan
10.40-11.00	C. Lefter, E. Melnig	INTERNAL CONTROLLABILITY OF PARABOLIC SYSTEMS WITH STAR AND TREE LIKE COUPLINGS
11.00-11.20	Ya. Bihun, R. Petryshyn, I. Skutar	MULTIFREQUENCY SYSTEMS WITH DELAY AND LOCAL-INTEGRAL CONDITIONS
11.20-11.40	A. Cernea	ON CONTROLLABILITY FOR FRACTIONAL DIFFERENTIAL INCLUSIONS OF CAPUTO-FABRIZIO TYPE

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11.40-12.00	R. Luca Tudorache	EXISTENCE AND MULTIPLICITY OF POSITIVE SOLUTIONS FOR A SINGULAR RIEMANN-LIOUVILLE FRACTIONAL DIFFERENTIAL PROBLEM
12.00-12.20	D. Cheban	ON THE STRUCTURE OF LEVINSON CENTER OF MONOTONE ALMOST PERIODIC SYSTEMS
12.20-12.40	A. Perjan, G. Rusu	TWO PARAMETER SINGULAR PERTURBATION PROBLEMS FOR SINE-GORDON TYPE EQUATIONS
12.40-13.00	M. Khoma, O. Buhrii	ON NONLINEAR INTEGRO-DIFFERENTIAL OSKOLKOV-STOKES SYSTEM WITH VARIABLE EXPONENT OF NONLINEARITY
13.00-14.40	Lunch break	
Section 3. Applied Mathematics https://us02web.zoom.us/j/87081356883		
	Chairperson:	R. Buzatu
10.40-11.00	C. Stamate	THE CORE-WALRAS EQUIVALENCE IN NONADDITIVE ECONOMIES
11.00-11.20	A. Tkacenko	THE PARAMETRIC METHOD FOR SOLVING THE "BOTTLENECK" MULTI-CRITERIA FRACTIONAL TRANSPORTATION PROBLEM WITH "FUZZY" COST DATA
11.20-11.40	D. Solomon	AN APPROACH FOR SOLVING THE MULTI-CRITERIA FRACTIONAL CONVEX PROGRAMMING PROBLEM
11.40-12.00	A. Leahu, V. Andrievschi-Bagrin, D. Ciorbă, I. Fiodorov	RELIABILITY OF THE NETWORKS WITH RANDOM NUMBER OF THE UNITS IN EACH SUBNET
12.00-12.20	A. Lazari	ALGEBRAIC VIEW OVER HOMOGENEOUS LINEAR RECURRENT PROCESSES
12.20-12.40	E. Naval	GROSS DOMESTIC PRODUCT EVOLUTION UNDER COVID-19 PERSISTENCE
12.40-13.00	L. Mitev	NUMERICAL MODELING AND RESULTS OF PERFORMANCE CHARACTERISTICS FOR DD PRIORITY DISCIPLINE WITH SEMI-MARKOV SWITCHING
13.00-14.40	Lunch break	
Section 4. Computer Science and IT https://us02web.zoom.us/j/89125383088		
	Chairperson:	I. Andries
10.40-11.00	T. Paşa, V. Ungureanu, F. Paladi	APPLYING GENETIC ALGORITHMS TO SOLVE NON-LINEAR TRANSPORTATION PROBLEMS
11.00-11.20	A. Ahmed, A. Popa	ANALYSIS OF MODERN AUTHENTICATION SCHEME TAILORED FOR IOT ENVIRONMENT
11.20-11.40	S. Pereteatcu, A. Pereteatcu	INVERSION OF CONSECUTIVE ALTERNATIONS
11.40-12.00	I. Țițchiev, V. Iamandi	ANALYSIS OF LEARNING MANAGEMENT SYSTEMS FEATURES
12.00-12.20	A. Parahonco, M. Petic	STEPS IN CONTENT GENERATION FOR E-COURSES
12.20-12.40	A. Gorea, M. Petic	SOME PARTICULARITIES IN ASSESSMENT OF ONLINE INFORMATION CREDIBILITY

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12.40-13.00	Gh. Căpățână, V. Arnaut V. Ungureanu	SOME FACTS AND A BRIEF HISTORY OF COMPUTER SCIENCE DEPARTMENT OF MOLDOVA STATE UNIVERSITY
13.00-14.40	<i>Lunch break</i>	
Plenary session https://us02web.zoom.us/j/84780243663		
	Chairperson:	F. Damian
14.40-15.20	D. Schlomiuk	FAMILIES OF VECTOR FIELDS WITH AN ALGEBRAIC GEOMETRIC STRUCTURE
15.20-16.00	I. Cialenco	ADAPTIVE-ROBUST STOCHASTIC CONTROL WITH APPLICATIONS TO FINANCE
16.00-16.20	<i>Coffee break</i>	
Section 2. Analysis, Differential Equations and Dynamical Systems https://us02web.zoom.us/j/89654363516		
	Chairpersons:	D. Cozma, R. Oliveira
16.20-16.40	C. Bujac, D. Schlomiuk, N. Vulpe.	ONE CLASS OF QUADRATIC DIFFERENTIAL SYSTEMS WITH TWO INVARIANT LINES
16.40-17.00	J. C. Artes	TOWARDS A COMPLETE CLASSIFICATION OF PHASE PORTRAITS OF PLANAR QUADRATIC DIFFERENTIAL SYSTEMS
17.00-17.20	R. Oliveira	FIRST-ORDER PERTURBATION FOR MULTI-PARAMETER CENTER FAMILIES
17.20-17.40	N. Neagu, M. Popa	STABILITY CONDITIONS OF UNPERTURBED MOTION GOVERNED BY CRITICAL THREE-DIMENSIONAL DIFFERENTIAL SYSTEM OF DARBOUX TYPE WITH CUBIC NONLINEARITIES
17.40-17.00	A. Şubă	CENTERS OF CUBIC DIFFERENTIAL SYSTEMS WITH TWO PARALLEL INVARIANT STRAIGHTLINES OF TOTAL MULTIPLICITY THREE
18.00-18.20	D. Cozma.	CENTER CONDITIONS FOR A CUBIC SYSTEM WITH AN INVARIANT CUBIC CURVE
18.20-18.40	A. Grin, A. Kuzmich	THE PRECISE ESTIMATION OF LIMIT CYCLES NUMBER FOR PLANAR AUTONOMOUS SYSTEM
18.40-19.00	R.Oliveira, D. Schlomiuk, A.M. Travaglini	DARBOUX' THEORY OF INTEGRABILITY FOR QUADRATIC SYSTEMS WITH INVARIANT HYPERBOLAS
19.00-19.20	A.C. Rezende	AN OVERVIEW ON STRUCTURALLY UNSTABLE QUADRATIC DIFFERENTIAL SYSTEMS OF CODIMENSION TWO
19.20-19.40	E. Musafirov	ADMISSIBLE PERTURBATIONS OF THE GENERALIZED LANGFORD SYSTEM WITH ZERO-VALUED PARAMETERS
19.40-20.00	B.-R. Satco	MULTIVALUED DIFFERENTIAL PROBLEMS UNDER POMPEIU EXCESS RESTRICTIONS

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Section 3. Applied Mathematics		
https://us02web.zoom.us/j/87081356883		
	Chairperson:	A. Tkacenko
16.20-16.40	R. Buzatu	TWO REAL-LIFE APPLICATIONS OF GRAPH PARTITIONING
16.40-16.00	A. Drambyan, P. Petrosyan	STRONG EDGE COLORINGS OF HAMMING GRAPHS
17.00-17.20	A. Ghazaryan	ON THE PALETTE INDEX OF SIERPIŃSKI-LIKE GRAPHS
17.20-17.40	K. Mkrtumyan	ON SEMISTRONG EDGE COLORING OF GRAPHS
17.40-17.00	L. Muradyan	ON INTERVAL EDGE-COLORINGS OF COMPLETE MULTIPARTITE GRAPHS
18.00-18.20	T.Petrosyan, P.Petrosyan	VERTEX-DISTINGUISHING EDGE COLORINGS OF SOME COMPLETE MULTIPARTITE GRAPHS
18.20-18.40	A.Sahakyan, R.Kamalian	INTERVAL EDGE COLORINGS OF TREES WITH RESTRICTIONS ON THE EDGES
18.40-19.00	A.Poștaru	THE CENTRAL PATH PROBLEM FOR CLASS K GRAPHS
Section 4. Computer Science and IT		
https://us02web.zoom.us/j/89125383088		
	Chairperson:	T. Bragaru
16.20-16.40	V. Briceag	INTELLIGENT SUPPORT FOR ASSESSING THE LEVEL OF MATURITY OF INFORMATION SECURITY
16.40-17.00	M. Cristei	IMPLEMENTATION OF INTELLIGENT ALGORITHMS IN IMAGE PROCESSING
17.00-17.20	D. Ieșeanu, T. Bragaru	C++ PROGRAMMING. LABORATORY NOTEBOOK FOR TECHNICAL VOCATIONAL EDUCATION
17.20-17.40	V. Ghiderman, O. Cerbu, G. Turetschi, D. Iordan	INFORMATION SECURITY IN IOT
17.40-17.00	V. Perlog, A. Cerbu	WEB APPLICATION PERFORMANCE ANALYSIS
18.00-18.20	D. Grechin, A. Cerbu	METHODOLOGICAL APPROACHES TO THE SECURITY OF VIRTUAL AND PHYSICAL SERVERS BASED ON OS LINUX