



## Facultatea de Matematică

### RAPORT CERCETARE 2008

#### Scurta prezentare a entității:

##### Misiune:

Misiunea facultății constă în pregătirea specialiștilor în matematică și informatică, realizarea la un înalt nivel de performanță a învățământului și cercetării științifice în matematică și informatică, în context național și internațional.

##### Domenii de cercetare:

- 1) -Algebra abstracta si aplicatii, algebra logicii, structuri generalizate si hiperstructuri algebrice. Aplicatii ale algebrei abstracte in informatica.
- 2)- Teoria masurii si integrarii, teoreme de tip Radon-Nikodym pentru multimasuri, integrale multivoce, analiza multivoca. Optimizare vectoriala cu multifunctii; probleme de echilibru vectorial.
- 3) - Geometria fibrarilor diferentiabile, algebroizi Lie, structuri geometrice in fibrari diferentiabile, substructuri. Subvarietati de tip produs de varietati diferentiale, varietati cuaternionice Kaehler, varietati de contact.
- 4) - Analiza neliniara, ecuatii de evolutie, probleme de viabilitate si invarianta pentru incluziuni diferentiale. Controlabilitate si timp optimal;
- 5) -Ecuatii diferentiale si inecuatii variationale stochastice, control optimal stochastic. Viabilitate si invarianta pentru ecuatii diferentiale stochastice.
- 6) -Mecanica mediilor continue: Modele matematice ale solidelor si fluidelor, probleme specifice si metode matematice.

#### RESURSA UMANĂ

Personal permanent angajat			Personal cu angajament temporar		
grad didactic	numar	echivalent norma de cercetare	grad didactic	numar	echivalent norma de cercetare
prof.	18	5.67	prof.	1	0.10
conf.	14	3.55	conf.		
lect.	11	1.92	lect.		
asist.	8	2.17	asist.		
prep.	1	0.10	prep.		
CS I			CS I	1	0.51
CS II			CS II	1	1.10
CS III			CS III	3	2.73
CS			CS	2	2.20
ACS			ACS	6	6.44
drd			drd		
masteranzi			masteranzi		

studenti			studenti		
alte categorii			alte categorii		
TOTAL:	52	13.42		14	13.09

## Proiecte naționale

Nr.crt.	Facultate	Tip proiect	Nr contract	Titlul contractului	Numele directorului de proiect	Valoarea contractata in 2008 lei	Echipa de cercetare	Obiective
1	Matematică	PROGRAM: PARTENERIATE ÎN DOMENIILE PRIORITARE Tip proiect: Proiect Complex	81-024	ELABORAREA, IMPLEMENTAREA SI VALIDAREA EXPERIMENTALAE UN MODEL FUNCIONAL ORIGINAL DE CAMERA DE ARDERE A UNUI ALGORITM DE CALCUL NUMERIC PENTRU SIMULAREA CURGERILOR TURBULENTE REACTIVE COMPLEXE	Prof.dr. Constantin Ilioi	100,000.000	1. Institutul National de Cercetare Dezvoltare Turbomotoare 2 .Institutul National de Cercetarie Aerospatiale Elie Carafoli Bucuresti 3.Universitatea Politehnica Bucuresti 4.Universitatea Alexandru Ioan Cuza Iasi 5.SC Aerostar SA Bacau	Elaborarea, implementarea si validarea unui algoritm numeric de mare eficienta computationala si inalta fidelitate numerica, capabil sa simuleze atat curgerea turbulenta din interiorul turbomotorului cat si combustia din camera de ardere, in intreaga anvelopa a regimurilor care pot sa apara intr-un turbomotor real.
		PN II PROGRAMUL IDEI	13/28.09.07	FUNCTII DE SCALARIZARE SI MULTIPLICATORI LAGRANGE IN PROBLEME DE OPTIMIZARE	Prof.dr ZALINESCU Constantin	240.000	Durea Marius Strugariu Claudiu Radu Florentiu Blanariu	Punerea in evidenta a unor proprietati locale de continuitate si lipschitzianitate a functiei de scalarizare
		PN II PROGRAMUL IDEI	15/28.09.07	CERCETARI MODERNE IN MECANICA MEDIILOR CONTINUE	Prof.dr CHIRITA Stan	356.000	Dorin Iesan Mircea Birsan Catalin Gales Dumitrel Ghiba	Deformari termoelastice a cilindrilor neomogeni alcatuiti din materiale poroase

		<b>PN II PROGRAMUL IDEI</b>	8/28.09.07	METODE FUNCTIONALE, DETERMINISTE SI STOCHASTICE IN DINAMICA FLUIDELOR	Prof.dr LEFTER Catalin George	235.000	Barbu Viorel Marinoschi Gabriela Lefter Adriana-Ioana Ciutoreanu Cornelia	Studiul ecuatiilor Kolmogorov si al masurilor invariante in cazul fluidelor stochastice dirijate de procese gaussiene
		<b>PN II PROGRAMUL IDEI</b>	3/28.09.07	INCLUZIUNI DIFERENTIALE PE MULTIMI INCHISE, MULTIMI TANGENTE SI APLICATII	Prof.dr VRABIE Ioan	333.333	Mihai Necula Daniela Roşu Monica Dana Burlică Marius Popescu	Extinderea la cazul domeniilor necilindrice a conceptelor de multime tangenta, multime A- tangenta si multime A- cvasitangenta
		<b>PN II PROGRAMUL IDEI</b>	4/28.09.07	PRINCIPII VARIATIONALE SI CONTROL OPTIMAL	Prof.dr CARJA Ovidiu	320.000	Turinici Mihai Alina Vieru Răzvan Mariş Marius Apetrii	Principii variationale de tip Ekeland - Takahashi si Chen-Huang-Hou pe structuri quasi-metrice
		<b>PN II PROGRAMUL IDEI</b>	6/28.09.07	SISTEME DIFERENTIALE CU PERTURBATII ALEATOARE; PROBLEME DE CONTROL SI VIABILITATE	Prof.dr RASCANU Aurel	300.000	Zalinescu Adrian Maticiu Lucian Rotenstein Eduard- Paul Ciotir Ioana	Viabilitatea sistemelor diferentiale cu perturbatii singulare: ecuatii stochastice de tip Ito, inecuatii variationale
		<b>PN II PROGRAMUL IDEI</b>	1/28.09.07	INVARIANTI GEOMETRICI SI TOPOLOGICI ASOCIATI UNOR STRUCTURI GEOMETRICE PE VARIETATI. APLICATII.	Prof.dr BUCATARU Ioan	270.000	Munteanu Marian Ioan Constantinescu Oana Antoaneta Musca Monica Ioana Brailovschi Marinela	Invarianti geometrici si topologici in modelarea unor procese din biologia matematica, teoria controlului optimal, fizica matematica, precum si teoria liniara a elasticitatii.

		<b>PN II PROGRAMUL IDEI</b>	16/28.09.07	CONTROLUL OPTIMAL SI STABILIZAREA MODELELOR CONTINUE ALE DINAMICII POPULATIEI	Prof.dr ANITA Sebastian	200.000	Dumitriu Narcisa Tarniceriu Carmen Oana	Studiul problemei recoltarii optime pentru modele cu dependenta de varsta periodice
		<b>Proiecte TD1&amp;2 Programului RESURSE UMANE</b>	417	STRUCTURI GEOMETRICE DE TIP LIFT NATURAL PE FIBRATELE TANGENT SI COTANGENT	DRUTA SIMONA-LUIZA	1416		
		<b>Proiecte TD1&amp;2 Programului RESURSE UMANE</b>	419	TEORIA POTENTIALULUI PE GRUPURI LOCAL COMPACTE NECOMUTATIVE	PANTIRUC MARIAN DUMITRU	1049		
		<b>Proiecte TD1&amp;2 Programului RESURSE UMANE</b>	569	ALGORITMI NUMERICI PENTRU APROXIMAREA SOLUTIILOR ECUATIILOR CU DERIVATE PARTIALE DE TIP ELIPTIC SI APLICATII	STEFANESCU RAZVAN	975		

		<b>GRANTURI CNCSIS DE TIP A 2008</b>	1158	GEOMETRIE LAGRANGE PE ALGEBROIZI LIE. APLICATII	ANASTASIEI MIHAI	12000		
		<b>GRANTURI CNCSIS DE TIP A 2008</b>	1373	PROBLEME DE EXISTENTA, APROXIMARE SI CONTROL PENTRU ECUATII CU DERIVATE PARTIALE	HAVARNEANU TEODOR DUMITRU	64000		
		<b>GRANTURI CNCSIS DE TIP A 2008</b>	1338	DEZVOLTAREA UNOR METODE GEOMETRICE SI ARITMETICE PENTRU STUDIUL SUPRAFETELOR ELIPTICE	LITCANU RAZVAN DINU	28000		
		<b>GRANTURI CNCSIS DE TIP A 2008</b>	1152	TOPOLOGII SLABE SI TOPOLOGII DE ORDINE PE SPATII DE MASURI CU APLICATII IN PROBLEME NECONVEXE	POPA EUGEN	50000		

		<b>GRANTURI CNCSIS DE TIP A 2008</b>	1156	MODELE DIFERENTIALE DETERMINISTE SI STOCHASTICE CU RESTRICTII PE STARE. CONTROL, INVARIANTA SI APROXIMARE NUMERICA	RASCANU AUREL	62000		
		<b>GRANTURI CNCSIS DE TIP A 2008</b>	1159	PROBLEME DE VIABILITATE SI INVARIANTA PENTRU ECUATII DIFERENTIALE SI ECUATII FUNCTIONALE. SISTEME DE REACTIE- DIFUZIE SI ECUATII CU DATE MASURI	VRABIE IOAN	91890		
		<b>PROIECTE DE CERCETARE- DEZVOLTARE COMPLEXE</b>	144	CERCETARI COMPLEXE DE FIZICA PAMANTULUI PENTRU REALIZAREA FINALA A HARTII DE HAZARD SEISMIC A ROMANIEI PRIN METODE PROBABILISTICE SI DETERMINISTE, LINIARE SI NELINIARE (HHRO)	Prof.dr. Ovidiu CARJA	62,700.000		

		<b>PROIECTE DE CERCETARE-DEZVOLTARE COMPLEXE</b>	05-D11-23	METODE OPERATORIALE, ANALIZA FUNCTIONALA SI COMPLEXA CU APLICATII <b>(ANAMAT)</b>	Prof.dr.Eugen POPA	10,000.000		
		<b>PROIECTE DE CERCETARE-DEZVOLTARE COMPLEXE</b>	06-11-10	ANALIZA COMPLEXA SI DOMENII CONEXE	Prof.dr.Eugen POPA	77,378.000		
		<b>PROIECTE DE CERCETARE-DEZVOLTARE COMPLEXE</b>	05-D11-36	ANALIZA SI CONTROLUL SISTEMELOR DIFERENTIALE <b>(ACSD)</b>	Acad. Prof.dr. Viorel BARBU	434,000.000		
		<b>PROIECTE DE CERCETARE-DEZVOLTARE COMPLEXE</b>	05-D11-84	STUDII PRIVIND EVOLUTIA FRONTULUI DE SOLIDIFICARE UTILIZAND MODELUL TRANZITIEI DE FAZA. EFICIENTIZAREA PROCESELOR DE TURNARE CONTINUA A OTELURILOR <b>(MMPTCO1)</b>	Prof.dr.Costica MOROSANU	345,000.000		



		<b>PROIECTE DE CERCETARE-DEZVOLTARE COMPLEXE</b>	06-11-12	MODELARE MATEMATICA IN MECANICA MEDIILOR CONTINUE.APLICATII IN STIINTA MATERIALELOR	Prof.dr. Stan CHIRITA	229,061.000		
		<b>PROIECTE DE CERCETARE-DEZVOLTARE COMPLEXE</b>	2-CEX06-11-56/2006	SISTEME DINAMICE SI TERMODINAMICE	Prof.dr. Stan CHIRITA	661,000.000		
		<b>PROIECTE DE CERCETARE-DEZVOLTARE COMPLEXE</b>	133	SISTEME SOFT PENTRU SIMULARE GEOMETRICA SI MECANICA ( <b>Pythagoras</b> )	Conf.dr. Danut RUSU	554,300.000		
		<b>PROIECTE DE CERCETARE-DEZVOLTARE COMPLEXE</b>	subctr..15598/2006	GEOMETRIE RIEMANNIANA SI APLICATII	Prof. dr. Miron Radu	0.000		
		<b>PROIECTE DE CERCETARE-DEZVOLTARE COMPLEXE</b>	1510	CERCETARI FUNDAMENTALE SI APLICATIVE ASUPRA DINAMICII ASTEROIZILOR	Lector dr. Catalin GALES	10,000		

		<b>PROIECTE DE CERCETARE-DEZVOLTARE COMPLEXE</b>	68	NOI ASPECTE ASUPRA STRUCTURILOR CUATERNIONICE PE VARIETATI DIFFERENTIABILE SI SUBVARIETATILE ACESTORA. APLICATII	Lector dr. Ioan Marian MUNTEANU	25,000		
		<b>PROIECTE DE CERCETARE-DEZVOLTARE COMPLEXE</b>	69	F-STRUCTURI PE VARIETATI DIFFERENTIABILE SI PROPRIETATI DE BIARMONICITATE	Lector dr. Cezar ONICIUC	30,000		
		GRANTURI ACADEMIA ROMANA	88 GAR	2008HIPERGRUPURI SI GRUPURI ABELINE. APLICATII	conf. dr. LEOREANU-FOTEA VIOLETA	5000		

## Proiecte internaționale

Nr.crt.	Facultate	Tip proiect		Nr contract	Titlul contractului	Numele directorului de proiect	Valoarea contractata in 2008 EUR	Valoarea contractata in 2008 lei	Echipa de cercetare	Obiective
1	Matematică	FP7	PEOPLE Tip proiect: ITN		CONTROLLED SYSTEMS - Deterministic and Stochastic Controlled Systems and Applications  UAIC - coordonator	Prof.dr.Aurel RASCANU				
		Bilaterale	ITALIA	9/2006- 2008	Reaction Diffusion Equations Theory, Numerical Methods And Related Optimal Control Problems	Prof.dr.Sebastian ANIȚA	0	0		

## Lucrari științifice/tehnice publicate in reviste de specialitate cotate ISI (cu afilierea UAIC)

Nr. crt.	Facultate	Data publicarii	Titlul articolului, paginile	Autor(i)	Revista ISI	Tip Revista ISI: națională / internațională	ISSN	Factorul de impact al revistei
1	Facultatea de Matematica	2008	Smoothness of weak solutions to a nonlinear fluid-structure interaction model.	Barbu, Viorel; Grujić, Zoran; Lasiecka, Irena; Tuffaha, Amjad	Indiana Univ. Math. J. 57, No. 3, 1173-1207 (2008)	internationala	0022-2518	

2	Facultatea de Matematica	2008	Variational inequalities in Hilbert spaces with measures and optimal stopping problems	Barbu, Viorel; Marinelli, Carlo	Appl. Math. Optimization 57, No. 2, 237-262 (2008)	internationala	0095-4616	
3	Facultatea de Matematica	2008	The Kolmogorov equation for a 2D-Navier-Stokes stochastic flow in a channel.	Barbu, Viorel; da Prato, Giuseppe	Nonlinear Anal., Theory Methods Appl. 69, No. 3 (A), 940-949 (2008).	internationala	0362-546X	
4	Facultatea de Matematica	2008	Existence and uniqueness of nonnegative solutions to the stochastic porous medium equation	Barbu, Viorel; Da Prato, Giuseppe; Röckner, Michael	Indiana Univ. Math. J. 57, No. 1, 187-211 (2008)	internationala	0022-2518	
5	Facultatea de Matematica	2008	Uniqueness of the generators of the 2D Euler and Navier-Stokes flows.	Albeverio, S.; Barbu, V.; Ferrario, B.	Stochastic Processes Appl. 118, No. 11, 2071-2084 (2008).	internationala	0304-4149	
6	Facultatea de Matematica	2008	The generator of the transition semigroup corresponding to a stochastic variational inequality	Barbu, Viorel; da Prato, Giuseppe	Commun. Partial Differ. Equations 33, No. 7, 1318-1338 (2008).	internationala	0360-5302	
7	Facultatea de Matematica	2008	Internal optimal controller synthesis for Navier-Stokes equations.	Yan, Y.; Coca, D.; Barbu, V.	Numer. Funct. Anal. Optim. 29, No. 1-2, 225-242 (2008).	internationala	0163-0563	
8	Facultatea de Matematica	2008	Global behavior for an age-dependent population model with logistic term and periodic vital rates	Laura-Iulia Anița, Sebastian Anița, Viorel Amăutu	Applied Mathematics and Computation 206 (2008), 368-379	internationala	0096-3003	
9	Facultatea de Matematica	2008	Asymptotic behavior of the solutions to semi-linear age-dependent population dynamics with diffusion and periodic vital rates.	Anița, Laura-Iulia; Anița, Sebastian	Math. Popul. Stud. 15, No. 2, 114-122 (2008).	internationala	0889-8480	

10	Facultatea de Matematica	2008	Internal nonnegative stabilization for some parabolic equations	Ainseba, Bedreddine; Anița, Sebastian	Commun. Pure Appl. Anal. 7, No. 3, 491-512 (2008).	internatională	1534-0392	
11	Facultatea de Matematica	2008	On the structural stability of thermoelastic model of porous media.	Chiriță, Stan; Ciarletta, Michele	Math. Methods Appl. Sci. 31, No. 1, 19-34 (2008).	internatională	0170-4214	
12	Facultatea de Matematica	2008	End effects for a generalized biharmonic equation with applications to functionally graded materials.	D'Apice, Ciro; Chiriță, Stan	J. Math. Anal. Appl. 342, No. 1, 585-600 (2008).	internatională	0022-247X	
13	Facultatea de Matematica	2008	On spatial behavior of the harmonic vibrations in Kelvin-Voigt materials.	Chiriță, S.; Galeș, C.; Ghița, I. D.	J. Elasticity 93 (2008), no. 1, 81--92.	internatională	0374-3535	
14	Facultatea de Matematica	2008	A mixture theory for microstretch thermoviscoelastic solids	Chiriță, S.; Galeș, C.	Journal of Thermal Stresses, 31, 1099-1124, 2008	internatională	0149-5739	
15	Facultatea de Matematica	2008	Spatial evolution of harmonic vibrations in linear elasticity	Chiriță, Stan; Ciarletta, Michele	Journal of Mechanics of Materials and Structures (JoMMS), 3 (9), 1675-1693, 2008	internatională	1559-3959	
16	Facultatea de Matematica	2008	On the strong ellipticity condition for tetragonal system of linearly elastic solids.	Chiriță, S.; Danescu, A	International Journal of Solids and Structures, 45, no. 17, 4850-4858, 2008,	internatională	0020-7683	
17	Facultatea de Matematica	2008	On the bending of piezoelectric plates with microstructure	Ieșan, Dorin	Acta Mech. 198, No. 3-4, 191-208 (2008).	internatională	0001-5970	

18	Facultatea de Matematica	2008	Thermopiezoelectricity without energy dissipation	leșan, Dorin	Proc. R. Soc. Lond., Ser. A, Math. Phys. Eng. Sci. 464, No. 2091, 631-656 (2008)	internatională	1364-5021	
19	Facultatea de Matematica	2008	A theory of prestressed thermoelastic Cosserat continua	leșan, Dorin	ZAMM Z. Angew. Math. Mech. 88 (2008), no. 4, 306--319	internatională	0044-2267	
20	Facultatea de Matematica	2008	On the theory of viscoelastic mixtures and stability.	leșan, D.; Nappa, L.	Math. Mech. Solids 13 (2008), no. 1, 55--80.	internatională	1081-2865	
21	Facultatea de Matematica	2008	Thermo-Elastic Deformation of Porous Cosserat Beams	leșan, D.	J Thermal Stresses 31(2008), 823-847	internatională	0149-5739	
22	Facultatea de Matematica	2008	The Aumann-Gould Integral	Anca-Maria Precupanu and Bianca Satco	Mediterr. J. Math.,5(2008),429-441.	internatională	1660-5446	
23	Facultatea de Matematica	2008	Necessary and sufficient conditions for viability for nonlinear evolution inclusions	Cârjă, O., Necula, M., Vrabie, I. I.,	Set-Valued Analysis, 16(2008), 701--731	internatională	0927-6947	
24	Facultatea de Matematica	2008	Viability for differential inclusions on graphs	Necula, M., Popescu, M., Vrabie, I. I.	Set-Valued Analysis, 16(2008), 961-981	internatională	0927-6947	
25	Facultatea de Matematica	2008	A viability result for a class of fully nonlinear reaction-diffusion systems	Necula, Mihai; Vrabie, Ioan I	Nonlinear Anal., Theory Methods Appl. 69, No. 5-6 (A), 1732-1743 (2008)	internatională	0362-546X	

26	Facultatea de Matematica	2008	On the second conjugate of several convex functions in general normed vector spaces	Zălinescu, Constantin	J. Glob. Optim. 40, No. 1-3, 475-487 (2008)	internationala	0925-5001	
27	Facultatea de Matematica	2008	Persistence and stability of solutions of Hamilton-Jacobi equations	Penot, Jean-Paul; Zălinescu, Constantin	J. Math. Anal. Appl. 347, No. 1, 188-203 (2008)	internationala	0022-247X	
28	Facultatea de Matematica	2008	Subdifferential calculus rules in convex analysis: a unifying approach via pointwise supremum functions	Hantoute, A.; López, M. A.; Zălinescu, C.	SIAM J. Optim. 19 (2008), no. 2, 863--882.	internationala	1052-6234	
29	Facultatea de Matematica	2008	On zero duality gap and the Farkas lemma for conic programming,	C. Zalinescu	Math. Oper. Res. 33 (2008), 991-1001.	internationala	0364-765X	
30	Facultatea de Matematica	2008	Hahn--Banach extension theorems for multifunctions revisited	C. Zalinescu	Math. Meth. Oper. Res. 68 (2008), 493--508	internationala	1432-2994	
31	Facultatea de Matematica	2008	Inequalities of Korn's type and existence results in the theory of Cosserat elastic shells	Bîrsan, Mircea	J. Elasticity 90, No. 3, 227-239 (2008)	internationala	0374-3535	
32	Facultatea de Matematica	2008	On the dynamic deformation of porous Cosserat linear-thermoelastic shells	Bîrsan, Mircea	ZAMM, Z. Angew. Math. Mech. 88, No. 1, 74-78 (2008)	internationala	0044-2267	
33	Facultatea de Matematica	2008	Space of SO(3)-orbits of elasticity tensors.	Bóna, A.; Bucataru, I.; Slawinski, M. A.	Arch. Mech. (Arch. Mech. Stos.) 60 (2008), no. 2, 123--138	internationala	0373-2029	

34	Facultatea de Matematica	2008	Inversion of ray velocity and polarization for elasticity tensor	Bóna, A.; Bucataru, I.; Slawinski, M. A.	Journal of Applied Geophysics, 65, 1(2008), 1-5	internationala	0926-9851	
35	Facultatea de Matematica	2008	Last multipliers as autonomous solutions of the Liouville equation of transport	Crasmareanu, Mircea	Houston J. Math. 34, No. 2, 455-466 (2008).	internationala	0362-1588	
36	Facultatea de Matematica	2008	Golden differential geometry	Crasmareanu, Mircea; Cristina-Elena Hrețcanu	Chaos, Solitons & Fractals, 38(2008), no. 5, 1229-1238	internationala	0960-0779	
37	Facultatea de Matematica	2008	Roughness in $n$ -ary hypergroups	Leoreanu-Fotea, V.; Davvaz, B	Inf. Sci. 178, No. 21, 4114-4124 (2008)	internationala	0020-0255	
38	Facultatea de Matematica	2008	The lower and upper approximations in a hypergroup	Leoreanu-Fotea, Violeta	Inf. Sci. 178, No. 18, 3605-3615 (2008)	internationala	0020-0255	
39	Facultatea de Matematica	2008	$n$ -hypergroups and binary relations	Leoreanu-Fotea, V.; Davvaz, B.	Eur. J. Comb. 29, No. 5, 1207-1218 (2008).	internationala	0195-6698	
40	Facultatea de Matematica	2008	Fuzzy rough $n$ -ary subhypergroups	V. Leoreanu-Fotea	Iranian Journal of Fuzzy Systems, vol. 5, n. 3 (2008), 45-57	internationala	1735-0654	
41	Facultatea de Matematica	2008	The direct and the inverse limit of hyperstructures associated with fuzzy sets of type 2	V. Leoreanu-Fotea	Iranian Journal of Fuzzy Systems, vol. 5, n. 3 (2008), 89 -94	internationala	1735-0654	



42	Facultatea de Matematica	2008	On a product of fuzzy Hv-submodules	B. Davvaz, V.Leoreanu- Fotea,	International Journal of Fuzzy Systems, Vol. 10, No. 2, 119-122, ( 2008)	internationala	1562-2479	
43	Facultatea de Matematica	2008	On the sequence of hypergroups and membership functions determined by a hypergraph	P. Corsini, V. Leoreanu-Fotea, A. Iranmanesh	Journal of Multiple Valued Logic and Soft Computing, v.14, issue 6, 565-577 (2008)	internationala	1542-3980	
44	Facultatea de Matematica	2008	Numerical simulation of the solid region via phase field transition system	C. Morosanu, Gh. Iorga and S. C. Cocindau	Metalurgia International, Vol. XIII, no.12, pp. 91-95, 2008	nationala	1582-2214	
45	Facultatea de Matematica	2008	Some aspects on the geometry of the tangent bundles and tangent sphere bundles of a Riemannian manifold	Munteanu, Marian Ioan	Mediterr. J. Math. 5, No. 1, 43-59 (2008)	internationala	1660-5446	
46	Facultatea de Matematica	2008	Minimal submanifolds in $\mathbb{Bbb R}^4$ with a g.c.K. structure	Munteanu, Marian Ioan	Czechoslovak Math. J. 58(133) (2008), no. 1, 61--78	internationala	0011-4642	
47	Facultatea de Matematica	2008	The stress-energy tensor for biharmonic maps	Loubeau, E.; Montaldo, S.; Oniciuc, C	Math. Z. 259, No. 3, 503-524 (2008)	internationala	0025-5874	
48	Facultatea de Matematica	2008	Classification results for biharmonic submanifolds in spheres.	Balmuş, A.; Montaldo, S.; Oniciuc, C	Israel J. Math. 168 (2008), 201--220.	internationala	0021-2172	
49	Facultatea de Matematica	2008	Synchronising the Shared Resources,	G.Ciobanu, D.Rusu	Romanian Journal of Information Science and Technology, Vol 11, No 3, 2008, 281-291	nationala	1453-8245	

50	Facultatea de Matematica	2008	Myller configurations in Finsler spaces. Applications to the study of subspaces and of torsion forming vector fields	Constantinescu, Oana	J. Korean Math. Soc. 45, No. 5, 1443-1482 (2008)	internationala	0304 – 9914	
51	Facultatea de Matematica	2008	A lower semicontinuous regularization for set-valued mappings and its applications	Mansour, Mohamed Ait; Durea, Marius; Théra, M.	J. Convex Anal. 15, No. 3, 473-484 (2008)	internationala	0944-6532	
52	Facultatea de Matematica	2008	Bounded sets of Lagrange multipliers for vector optimization problems in infinite dimension	Durea, M.; Dutta, J.; Tammer, Chr.	J. Math. Anal. Appl. 348, No. 2, 589-606 (2008)	internationala	0022-247X	
53	Facultatea de Matematica	2008	Optimality conditions for weak and firm efficiency in set-valued optimization	Durea, M	J. Math. Anal. Appl. 344, No. 2, 1018-1028 (2008)	internationala	0022-247X	
54	Facultatea de Matematica	2008	Lagrange multipliers for Pareto minima in general Banach spaces	M. Durea, J. Dutta	Pacific Journal of Optimization, 4 (2008), 447-463	internationala	1348-9151	
55	Facultatea de Matematica	2008	On the asymptotic spatial behaviour in the theory of mixtures of thermoelastic solids	Galeş, C.	Int. J. Solids Struct. 45, No. 7-8, 2117-2127 (2008)	internationala	0020-7683	
56	Facultatea de Matematica	2008	Some results in the dynamics of viscoelastic mixtures	Galeş, C.	Math. Mech. Solids 13 (2008), no. 2, 124-147	internationala	1081-2865	
57	Facultatea de Matematica	2008	A Gould type integral with respect to a multisubmeasure.	Gavriluț, Alina Cristiana	Math. Slovaca 58, No. 1, 43-62 (2008).	internationala	0139-9918	

58	Facultatea de Matematica	2008	On the number of fuzzy subgroups of finite abelian groups	Tărănuceanu, Marius; Bentea, Lucian	Fuzzy Sets and Systems 159 (2008), no. 9, 1084--1096	internationala	0165-0114	
59	Facultatea de Matematica	2008	Finite groups determined by an inequality of the orders of their subgroups	Tom De Medts and Marius Tărănuceanu	Bull. Belg. Math. Soc. Simon Stevin Volume 15, Number 4 (2008), 699-704	internationala	1370-1444	
60	Facultatea de Matematica	2008	An sigma-lattice structure associated to some classes of finite groups	Marius Tărănuceanu	Fixed Point Theory, 9 (2008) 575-583	nationala	1583-5022	
61	Facultatea de Matematica	2008	Cofibrations for $C^*$ -algebras	Ioan Pop, Alina Tofan	Matematica Complutense, vol 21, No.2, 2008 529-552	nationala	1139-1138	

### Lucrari științifice publicate in reviste de specialitate/ jurnale indexate BDI

Nr. crt.	Facultate	Data publicarii	Titlul articolului, paginile	Autor(i)	Revista	tip revista : nationala / internationala	ISSN
1	Facultatea de Matematica	2008	Some results on stochastic porous media equations	Barbu, Viorel; Da Prato, Giuseppe; Röckner, Michael	Boll. Unione Mat. Ital. (9) 1, No. 1, 1-15 (2008)	internationala	0392-4041
2	Facultatea de Matematica	2008	Electromagnetic fields derived from the new canonical semispray $S^*$ in relativistic optics	Miron R., Kawaguchi T.	Tensor N.S. vol. 69(2008), 8-14	internationala	0040-3504
3	Facultatea de Matematica	2008	Academician Radu Miron -- eighty years of life and sixty years of efforts	Anastasiei, Mihai; Cioban, Mitrofan; Soltan, Petru	Bul. Acad. Științe Repub. Mold., Mat. 2008, No. 2(57), 130-136 (2008)	internationala	1024-7696

4	Facultatea de Matematica	2008	Some examples of Randers spaces.	Anastasei, M.; Gheorghe, M.	Acta Math. Acad. Paedagog. Nyházi. (N.S.) 24 (2008), no. 1, 15--23	internationala	1786-0091
5	Facultatea de Matematica	2008	Semisprays on Lie algebroids. Applications	Anastasei M.,	Tensor N.S. vol. 69 (2008), 190-198	internationala	0040-3504
6	Facultatea de Matematica	2008	The infinitesimal generator of a semidynamical system	Popa, Eugen	An. Ştiinţ. Univ. Al. I. Cuza Iaşi. Mat. (N.S.) 54 (2008), no. 1, 123—134	nationala	1221-8421
7	Facultatea de Matematica	2008	On a dual characterization in best approximation problem	T. Precupanu	Revue d'Analyse Numérique et de Théorie de l'Approximation, 37(2008),191-196	nationala	1222-9024
8	Facultatea de Matematica	2008	Nonlinear vector maximal principles in product structures	Mihai Turinici	Libertas Math.,28(2008)15-24	internationala	0278-5307
9	Facultatea de Matematica	2008	Projective maximal principles in general vector spaces	Mihai Turinici	Libertas Math., 28(2008), 25-36	internationala	0278-5307
10	Facultatea de Matematica	2008	Pseudometric Zhong principles and equilibrium points	Mihai Turinici	An. Ştiinţ. Univ. Al. I. Cuza Iaşi. Mat. (N.S.) 54 (2008), 233-252	nationala	1221-8421
11	Facultatea de Matematica	2008	Orthogonal solutions for a hyperbolic system	Cârjă, Ovidiu; Necula, Mihai; Vrabie, Ioan I.	Bul. Acad. Ştiinţe Repub. Mold., Mat. 2008, No. 1(56), 125-130 (2008)	internationala	1024-7696
12	Facultatea de Matematica	2008	Several types of n-ary subhypergroups,	V. Leoreanu- Fotea,	Italian Journal of Pure and Applied Mathematics, n.23, (2008), 261-274	internationala	1126-8042
13	Facultatea de Matematica	2008	Canonical n-ary hypergroups	V. Leoreanu- Fotea,	Italian Journal of Pure and Applied Mathematics, n.24, (2008), 247-254	internationala	1126-8042
14	Facultatea de Matematica	2008	Supermetrics over Apartness Lattice-Ordered Semigroup,	G.Ciobanu, D.Rusu	Electronic Notes in Theoretical Computer Science (ENTCS) 202 (2008) 191-200	internationala	1571-0661
15	Facultatea de Matematica	2008	Calculus of the Bouligand derivative of set-valued maps in Banach spaces	M. Durea,	Nonlinear Functional Analysis and Applications, 13 (2008), 573-585	internationala	1229-1595

16	Facultatea de Matematica	2008	Some cone separation results and applications	M. Durea	Revue d'Analyse Numerique et de Theorie de l'Approximation, 37 (2008), 37-46	nationala	1222-9024
17	Facultatea de Matematica	2008	Investigation of asteroid dynamics via numerical methods	Galeş, C., Chiruta, C	Romanian Astronomical Journal, 18, Supplement, 1-15, 2008	nationala	1210-5168
18	Facultatea de Matematica	2008	Types of extensions for multisubmeasures.	Gavriluț, Alina Cristiana	An. Științ. Univ. Al. I. Cuza Iași. Mat. (N.S.) 54 (2008), no. 1, 65—74	nationala	1221-8421
19	Facultatea de Matematica	2008	A note on the number of fuzzy subgroups of finite groups	Bentea, Lucian; Tămăuceanu, Marius	An. Științ. Univ. Al. I. Cuza Iași. Mat. (N.S.) 54 (2008), no. 1,	nationala	1221-8421
20	Facultatea de Matematica	2008	Counting subgroups for a class of finite nonabelian p-groups	Marius Tămăuceanu	An. Științ. Univ. de Vest, Timisoara, 46 (2008), 147-152	nationala	1841-3293
21	Facultatea de Matematica	2008	Properties of regularity with respect to the Vietoris topology	A. Gavriluț	An. Științ. Univ. Al. I. Cuza Iași. Mat. (N.S.) 54 (2008) 347-360.	nationala	1221-8421

### Lucrări științifice publicate in volumele ale conferințelor

Nr. crt.	Facultate	Data publicării	Titlul lucrării, articolului , paginile	Autor(i)	Titlul volumului conferinței	Tipul conferinței: națională/ internațională
1	Facultatea de Matematica	2008	The Numerical Solutions for an Elliptic Control Problem	V. Arnautu, R. Stefanescu	Proceedings of SYNASC 2008, Timisoara, Springer-Verlag	nationala

2	Facultatea de Matematica	2008	Strong elliptic elasticity tensor and spatial behavior of harmonic vibrations.	Chiriță, S.;	Proceedings of the Asian Conference on Mechanics of Functional Materials and Structures (ACMFMS) October 31-November 3, 2008, Matsue, Japan, 325-328, ISBN 978-4-9904352-0-2	internatională
3	Facultatea de Matematica	2008	The semi-dynamical system associated with a generator	Popa, Eugen	Proceedings of 6-th Congress of Romanian Mathematicians, 28 June-4 July, Bucharest, Ed. Academiei	natională
4	Facultatea de Matematica	2008	Poly-invariant elements in a semi-dynamical system	Popa, Eugen	Potential Theory and Stochastic, 4-8 septembrie, Albac, Romania	natională
5	Facultatea de Matematica	2008	On a problem of thermal stresses in the theory of Cosserat elastic shells with voids,	Bîrsan, Mircea	Proceedings of IUTAM Symposium on Relations of Shells, Plate, Beam, and 3D Models (Eds. Jaiani, G. and Podio-Guidugli, P.), Springer Science + Business Media B.V., 2008, 67-76.	internatională
6	Facultatea de Matematica	2008	Multisets and Their Encodings	Ciobanu, G., Gontineac, M	Proceedings of Prague International Workshop on Membrane Computing, Silesian University in Opava, 1-10, 2008, ISBN: 978-80-7248-468-3	internatională
7	Facultatea de Matematica	2008	Fuzzy multisubmeasures and applications	Gavriliuț, A., Croitoru, A	Proceedings of The 9th WSEAS International Conference on Fuzzy Systems (FS'08), Sofia, Bulgaria, May 2-4, 2008, pp 113-119. ISBN 978-960-6766-57-2, ISI Proceedings	internatională
8	Facultatea de Matematica	2008	A Gould type set valued integral	Gavriliuț, A., Croitoru, A	Proceedings of 6-th Congress of Romanian Mathematicians, 28 June-4 July 2007, Editura Academiei Romane, 2008.	natională

9	Facultatea de Matematica	2008	On spatial behaviour in viscoelastic mixtures	Galeş, C	Proceedings of the Asian Conference on Mechanics of Functional Materials and Structures, ACMFMS2008, 317-320, 2008	internationala
10	Facultatea de Matematica	2008	Over the mortar finite element method	Razvan Raducanu	New Aspects of Systems Theory and Scientific computation(ISTASC'08)	internationala
11	Facultatea de Matematica	2008	Some remarks over theMLS method	Razvan Raducanu	Recent Advances in Mathematical and Computational Methods in Science and Engineering(MACMESE'08)	internationala
12	Facultatea de Matematica	2008	A new characterization of salt deposits	Razvan Raducanu, Mihai Saramet	Recent advances in materials science	internationala
13	Facultatea de Matematica	2008	Finsler -Lagrange mechanical System and Dynamical Systems of Higher Order.	Miron R.	Topics in Differential geometry, Ed. Academiei Romane, 2008, p. 183-206 , editori : A. Mihai, I. Mihai, R.Miron	
14	Facultatea de Matematica	2008	Stabilization for a reaction-diffusion system modelling a class of spatially structured epidemic systems. The periodic case,	Anița, Sebastian; Caposso, V	Advances in Dynamics and Control: Theory, Methods and Applications (Editors: S. Sivasundaram, J. Vasundhara Devi, F.E. Udawadia, I. Lasiecka), A volume in honour of A.V. Balakrishnan, Cambridge Scientific Publishers, 2008, ISBN 978-1-904868-69-9	
15	Facultatea de Matematica	2008	Spatial behaviour of solutions for constrained cylinder in linear elasticity	Chiriță, Stan; Ciarletta, Michele	Mathematical Physics Models and Engineering Sciences, Societa Nazionale di Scienze, Lettere e Arti in Napoli, Liguori Editore, Napoli, 2008. 151-162, ISBN: 978-88-207-4057-3	

### Cărți publicate in edituri naționale recunoscute CNCSIS

Nr. crt.	Facultate	Anul publicarii	Titlul carte	Autor(i) cu afilierea UAIC	Editura națională recunoscută CNCSIS	ISBN	numar pagini
1	Facultatea de Matematica	2008	Absolutely continuous semigroups and tensor product of harmonic structures	Eugen Popa	Ed. Universitatii "Al.I.Cuza" Iasi	978-973-703-392-5	250
2	Facultatea de Matematica	2008	Elemente de baza ale sistemului TeX si plain TeX, Ed. a 2-a	Costica Morosanu,	Ed. Universitatii "Al.I.Cuza" Iasi	978-973-703-320-8	178
3	Facultatea de Matematica	2008	Algebra liniara numerica	Gabriela Tanase	Ed. Universitatii "Al.I.Cuza" Iasi	978-973-703-251-5	262
4	Facultatea de Matematica	2008	Lectures in Arithmetic Geometry	Razvan Litcanu	Casa Editorială Demiurg	978-973-152-032-2	200
5	Facultatea de Matematica	2008	Algoritmi de triangulare	Munteanu, Marian Ioan; Nistor, Ana Irina	Casa Editorială Demiurg	978-973-152-059-9	172

### Cărți publicate in edituri internaționale

Nr. crt.	Facultate	Anul publicarii	Titlul carte	Autor(i) cu afilierea UAIC	Editura internațională	ISBN	numar pagini
1	Facultatea de Matematica	2008	Hyperring Theory and Applications	B., Davvaz, V. Leoreanu-Fotea	Hadronic Press	1-57485-064-4	336



### Participari la manifestari stiintifice internaționale

Nr. crt.	Facultate	Participant	Interval de derulare, locație	Titlul manifestării	Tip manifestare: congres, conferință, simpozion, atelier, seminar, expoziție, școală de vară, masă rotundă	Tara
1	Facultatea de Matematica	acad. V. Barbu	January 6-12, 2008, Levico Terme	Stochastic PDEs,	conferinta	Italia
2	Facultatea de Matematica	acad. V. Barbu	June 18-24, 2008, Haifa	Nonlinear Analysis	conferinta	Israel
3	Facultatea de Matematica	acad. V. Barbu	20-24 November 2008, Trento	Kolmogorov Equations	conferinta	Italia
4	Facultatea de Matematica	acad. V. Barbu	11 -17 November 2008, Leyden	Fast diffusion processes	conferinta	Olanda
5	Facultatea de Matematica	acad. V. Barbu	17-19 septembrie 2008, Bucuresti	Diaspora în cercetarea științifică românească	atelier	Romania
6	Facultatea de Matematica	acad. V. Barbu	5 - 7 September 2008, Iasi	International Exploratory Workshop on Differential Equations and Applications in Life Sciences	atelier	Romania
7	Facultatea de Matematica	acad. V. Barbu	8-10 September, 2008, Iasi	Workshop on Stochastic Partial Differential Equations	atelier	Romania
8	Facultatea de Matematica	prof. dr. Mihai Anastasiei	July 8-11, 2008, Brasov	Riemannian geometry and Its Applications (RIGA 2008 )	conferinta	Romania
9	Facultatea de Matematica	prof. dr. Mihai Anastasiei	July 8-12, 2008, Brasov	Seminarul National de Spatii Finsler si Lagrange	seminar	Romania
10	Facultatea de Matematica	prof. dr. Sebastian Anița	5 - 7 September	International Exploratory Workshop on Differential Equations and Applications in Life Sciences	atelier	Romania

			2008, Iasi			
11	Facultatea de Matematica	prof. dr. Sebastian Anița	28 august - 2 septembrie 2008, Brasov	9ème Colloque Franco-Roumain de Mathématiques Appliquées	conferinta	Romania
12	Facultatea de Matematica	prof. dr. Sebastian Anița	17-19 septembrie 2008, Bucuresti	Diaspora în cercetarea științifică românească	atelier	Romania
13	Facultatea de Matematica	prof. dr. Viorel Arnautu	5 - 7 September 2008, Iasi	International Exploratory Workshop on Differential Equations and Applications in Life Sciences	atelier	Romania
14	Facultatea de Matematica	prof. dr. Ovidiu Cârjă	16-18 November, 2008, Barcelona	DEAN Conference 2008	conferinta	Spania
15	Facultatea de Matematica	prof. dr. Ovidiu Cârjă	May 18 - 21, 2008, Arlington Texas	The 7th AIMS Conference on Dynamical Systems and Differential Equations	conferinta	SUA
16	Facultatea de Matematica	prof. dr. Ovidiu Cârjă	8-10 September, 2008, Iasi	Workshop on Stochastic Partial Differential Equations	atelier	Romania
17	Facultatea de Matematica	prof. dr. Stan Chiriță	February 28th- March 1st, 2008, Salerno	New Trends in Fluid and Solid Models: A Conference in honor of Brian Straughan	conferinta	Italia
18	Facultatea de Matematica	prof. dr. Stan Chiriță	May 29-30, 2008, Blacksburg, Virginia	The Mechanics Conference to Celebrate the 100th Anniversary of the Department of Engineering Science and Mechanics	conferinta	SUA
19	Facultatea de Matematica	prof. dr. Stan Chiriță	24-29 August 2008, Adelaide	The 22nd International Congress of Theoretical and Applied Mechanics, ICTAM2008	congres	Australia
20	Facultatea de Matematica	prof. dr. Stan Chiriță	October 31- November 3, 2008, Matsue	Asian Conference on Mechanics of Functional Materials and Structures (ACMFMS)	conferinta	Japonia

21	Facultatea de Matematica	prof. dr. Liviu Florescu	24-26 September 2008, Eichstaett-Ingolstadt	3rd International Conference on Vector Measures, Integration and Applications (VMIA),	conferinta	Germania
22	Facultatea de Matematica	prof. dr. Catalin Lefter	11 Aprilie 2008, Iasi	Mathematical approaches in optimization, modellisation and control	atelier	Romania
23	Facultatea de Matematica	prof. dr. Catalin Lefter	28 août - 2 septembre 2008, Brasov	9ème Colloque Franco-Roumain de Mathématiques Appliquées	conferinta	Romania
24	Facultatea de Matematica	prof. dr. Eugen Popa	17-19 iunie 2008, Bucuresti	Workshop on stochastics analysis and potential	atelier	Romania
25	Facultatea de Matematica	prof. dr. Eugen Popa	14-19 august 2008, Alba Iulia	The 11th Romanian – Finnish seminar	seminar	Romania
26	Facultatea de Matematica	prof. dr. Eugen Popa	24-26 September 2008, Eichstaett-Ingolstadt	3rd International Conference on Vector Measures, Integration and Applications (VMIA),	conferinta	Germania
27	Facultatea de Matematica	prof. dr. Eugen Popa	15 oct. 2008, Pitesti	Potential Analysis	atelier	Romania
28	Facultatea de Matematica	prof. dr. Teodor Precupanu	May 7-10, 2008 Cluj-Napoca	International Conference Semicentennial "Tiberiu Popoviciu" Institute of Numerical Analysis,	conferinta	Romania
29	Facultatea de Matematica	prof. dr. Aurel Răşcanu	8-10 September, 2008, Iasi	Workshop on Stochastic Partial Differential Equations	atelier	Romania
30	Facultatea de Matematica	prof. dr. Ioan Vrabie	July 2-9, 2008, Orlando, Florida,	Fifth World Congress of Nonlinear Analysts (WCNA 2008)	congres	SUA
31	Facultatea de Matematica	prof. dr. Ioan Vrabie	September 22 - 26, 2008 Cortona	Direct, Inverse and Control Problems for PDE's (DICOP 08)	conferinta	Italia

32	Facultatea de Matematica	prof. dr. Constantin Zalinescu	July 2-9, 2008, Orlando, Florida,	Fifth World Congress of Nonlinear Analysts (WCNA 2008)	congres	SUA
33	Facultatea de Matematica	prof. dr. Constantin Zalinescu	September 5-6, 2008, Kelowna	West Coast Optimization Meeting	atelier	SUA
34	Facultatea de Matematica	prof. dr. Constantin Zalinescu	December 17-19, 2008. Sofia	Workshop on Optimization and Applications	atelier	Bulgaria
35	Facultatea de Matematica	prof. dr. Constantin Zalinescu	13 – 14 martie 2008, Wittenberg	Entscheidungstheorie und – praxis	atelier	Germania
36	Facultatea de Matematica	conf. dr. Mircea Birsan	May 19-23, 2008, Udine	Advanced School on Modern Engineering and Mathematical Concepts in Computational Shell Mechanics,	conferinta	Italia
37	Facultatea de Matematica	conf. dr. Mircea Birsan	September 9-12, 2008, Gdańsk	The 36th Solid Mechanics Conference	conferinta	Polonia
38	Facultatea de Matematica	conf. dr. Ioan Bucataru	July 8-11, 2008, Brasov	Riemannian geometry and Its Applications (RIGA 2008 )	conferinta	Romania
39	Facultatea de Matematica	conf. dr. Ioan Bucataru	August 24-31, 2008, Balatonfoldvar	Workshop on Differential Geometric Methods in theoretical mechanics	atelier	Ungaria
40	Facultatea de Matematica	conf. dr. Mircea Crasmareanu	July 8-11, 2008, Brasov	Riemannian geometry and Its Applications (RIGA 2008 )	conferinta	Romania
41	Facultatea de Matematica	conf. dr. Violeta Fotea	September 3 - 9, 2008, Brno	10th Algebraic Congress on Hyperstructures and Applications	congres	Cehia
42	Facultatea de Matematica	conf. dr. Violeta Fotea	28-30 Mai 2008, Bangkok	International Conference on Algebra and Related Topics	conferinta	Tailanda
43	Facultatea de Matematica	conf. dr. Mihai Gontineac	3 - 4 septembrie 2008 Iasi	"2nd International Meeting on Membrane Computing and Biologically Inspired Process Calculi" - MeCBIC	conferinta	Romania
44	Facultatea de Matematica	conf. dr. Razvan Litcanu	9-20 iunie 2008, Istanbul	Geometry and Arithmetic of Moduli Spaces of Coverings	conferinta	Turcia

45	Facultatea de Matematica	conf. dr. Razvan Litcanu	30 iunie – 5 iulie 2008, Bucuresti	International Conference of Algebraic Geometry	conferinta	Romania
46	Facultatea de Matematica	conf. dr. Costica Morosanu	3-6 June, 2008, Riccione	6th European Conference of Continuous Casting 2008,	conferinta	Italia
47	Facultatea de Matematica	conf. dr. Costica Morosanu	22-26 sept. 2008, Aachen	11th International Conference on Aluminium Alloys -Simulation and modelling,	conferinta	Germania
48	Facultatea de Matematica	conf. dr. Costica Morosanu	09-11 october 2008, Oradea	XVI-th Conference on Applied and Industrial Mathematics, CAIM 2008	conferinta	Romania
49	Facultatea de Matematica	conf. dr. Marian Munteanu	7 -11 July 2008. Santiago de Compostela	VIII International Colloquium on Differential Geometry	conferinta	Spania
50	Facultatea de Matematica	conf. dr. Marian Munteanu	8-10 septembrie 2008 Roma	Conference GLAM Global Analysis on Manifolds, in honour of Sylvestre Gallot	conferinta	Italia
51	Facultatea de Matematica	conf. dr. Cezar Oniciuc	7 -11 July 2008. Santiago de Compostela	VIII International Colloquium on Differential Geometry	conferinta	Spania
52	Facultatea de Matematica	conf. dr. Cezar Oniciuc	june 6-11, 2008, Varna	Tenth International conference on Geometry, Integrability and Quantization	conferinta	Bulgaria
53	Facultatea de Matematica	lect. dr. Oana Constantinescu	August 24-30, 2008, Balatonfoldvar	XXIIIrd International Workshop On Differential Geometric Methods In Theoretical Mechanics	atelier	Ungaria
54	Facultatea de Matematica	lect. dr. Oana Constantinescu	July 8-11, 2008, Brasov	Riemannian geometry and Its Applications (RIGA 2008 )	conferinta	Romania
55	Facultatea de Matematica	lect. dr. Anca Croitoru	May 2-4, 2008, Sofia	9th WSEAS International Conference on Fuzzy Systems (FS'08),	conferinta	Bulgaria
56	Facultatea de Matematica	lect. dr. Anca Croitoru	June 2-7, 2008, Lviv	International Conference of Analysis and Topology	conferinta	Ucraina
57	Facultatea de Matematica	lect. dr. Anca Croitoru	June 25-28, 2008, Valencia	VII Iberoamerican Conference on Topology and Its Applications	conferinta	Spania

58	Facultatea de Matematica	lect. dr. Anca Croitoru	24-26 September 2008, Eichstaett-Ingolstadt	3rd International Conference on Vector Measures, Integration and Applications (VMIA),	conferinta	Germania
59	Facultatea de Matematica	lect. dr. Catalin Gales	May 29 -30, 2008, Blacksburg, Virginia	The Mechanics Conference to celebrate the 100th Anniversary of the Department of Engineering Science and Mechanics,	conferinta	SUA
60	Facultatea de Matematica	lect. dr. Catalin Gales	24-29 August 2008, Adelaide	The 22nd International Congress of Theoretical and Applied Mechanics, ICTAM2008	congres	Australia
61	Facultatea de Matematica	lect. dr. Catalin Gales	28 août - 2 septembre 2008, Brasov	9ème Colloque Franco-Roumain de Mathématiques Appliquées	conferinta	Romania
62	Facultatea de Matematica	lect. dr. Catalin Gales	October 31- November 3, 2008, Matsue	Asian Conference on Mechanics of Functional Materials and Structures (ACMFMS)	conferinta	Japonia
63	Facultatea de Matematica	lect. dr. Alina Gavrilut	May 2-4, 2008, Sofia	9th WSEAS International Conference on Fuzzy Systems (FS'08),	conferinta	Bulgaria
64	Facultatea de Matematica	lect. dr. Alina Gavrilut	June 2-7, 2008, Lviv	International Conference of Analysis and Topology	conferinta	Ucraina
65	Facultatea de Matematica	lect. dr. Alina Gavrilut	June 25-28, 2008, Valencia	VII Iberoamerican Conference on Topology and Its Applications	conferinta	Spania
66	Facultatea de Matematica	lect. dr. Alina Gavrilut	24-26 September 2008, Eichstaett-Ingolstadt	3rd International Conference on Vector Measures, Integration and Applications (VMIA),	conferinta	Germania
67	Facultatea de Matematica	lect. dr. Razvan Raducanu	August 20-22, 2008 , Rhodos	8th WSEAS International Conference on Systems Theory and Scientific computation(ISTASC'08)	conferinta	Grecia
68	Facultatea de Matematica	lect. dr. Razvan Raducanu	November 7-9, 2008, Bucuresti	10th WSEAS International Conference on Mathematical and Computational Methods in Science and Engineering(MACMESE'08)	conferinta	Romania

69	Facultatea de Matematica	Asist. drd. Ana Maria Moşneagu	5 - 7 September 2008, Iasi	International Exploratory Workshop on Differential Equations and Applications in Life Sciences	atelier	Romania
70	Facultatea de Matematica	asis.drd. Eduard Rotenstein	18-20 iunie 2008, Le Mans	Fifth Colloquium on BSDE and their applications	conferinta	Franta
71	Facultatea de Matematica	prep. dr. Adina Balmus	7 -11 July 2008. Santiago de Compostela	VIII International Colloquium on Differential Geometry	conferinta	Spania

### Manifestari stiintifice organizate de facultate

Nr. crt.	Facultate	Interval de derulare, locație	Titlul manifestării	Tip manifestare: congres, conferință, simpozion, atelier, seminar, expoziție, școală de vară, masă rotundă	Clasificare: locală/națională/națională cu participare internațională/internațională	Organizator
1	Facultatea de Matematica	5 - 7 September 2008, Iasi	International Exploratory Workshop on Differential Equations and Applications in Life Sciences	atelier	națională cu participare internațională	prof. dr. Sebastian Anița
2	Facultatea de Matematica	8-10 September, 2008, Iasi	Workshop on Stochastic Partial Differential Equations	atelier	națională cu participare internațională	prof. dr. Ovidiu Cârjă, prof. dr. Aurel Rășcanu
3	Facultatea de Matematica	11 Aprilie 2008, Iasi	Mathematical approaches in optimization, modellisation and control	atelier	națională cu participare internațională	prof. dr. Catalin Lefter
4	Facultatea de Matematica	3 - 4 septembrie 2008 Iasi	"2nd International Meeting on Membrane Computing and Biologically Inspired Process Calculi" - MeCBIC	atelier	națională cu participare internațională	conf. dr. Mihai Gontineac
5	Facultatea de Matematica	17 oct. 2008, Iasi	Sesiunea de Comunicari Stiintifice a Facultatii de Matematica	atelier	locala	prof. dr. Ovidiu Cârjă, conf. dr. Mihai Necula