

Nr. crt.	NUME AUTORI	TITLUL ARTICOLULUI/ CĂRȚII / COMUNICĂRII ȘTIINȚIFICE	REVISTA / VOLUMUL/EDITURA IN CARE A APARUT / CONFERINȚA LA CARE S-A COMUNICAT	ANUL PUBLICĂRII/ COMUNICĂRII
<b>ARTICOLE ISI</b>				
1	L. Curecheriu, M. T. Buscaglia, V. Buscaglia, Z. Zhao, L. Mitoseriu	<i>Grain size effect on the nonlinear dielectric properties of barium titanate ceramics</i>	Applied Physics Letters 97, 1	(2010)
2	E.-A. Perianu, M.N. Palamaru, A. R. Iordan, F. Gheorghiu, I. Sandu, I. A. Gordea, V. Vasilache	<i>Preparation and dielectric spectroscopy characterization of <math>A_2MnMoO_6</math> (A=Ba, Sr, Ca) double perovskites</i>	Revista de Chimie 62	(2011)
3	M. Airimioaei, C.E. Ciomaga, N. Apostolescu, L. Leontie, A.R. Iordan, L. Mitoseriu, M.N. Palamaru	<i>Synthesis and functional properties of the <math>Ni_{1-x}Mn_xFe_2O_4</math> ferrites</i>	Journal of Alloys and Compounds 509, 8065– 8072	(2011)
4	L.P. Curecheriu, A.C. Ianculescu, N. Horchidan, S. Stoleriu, F. Tudorache, S. Tascu, L. Mitoseriu	<i>Temperature dependence of tunability of <math>Ba(Sn(x)Ti(1-x))O(3)</math> ceramics</i>	Journal of Applied Physics 109, 084103	(2011)
5	L. Padurariu, C. Enachescu, L. Mitoseriu	<i>Monte Carlo simulations for describing the ferroelectric-relaxor crossover in <math>BaTiO(3)</math>-based solid solutions</i>	Journal of Physics-Condensed Matter 23, 325901 (12pp)	(2011)
6	C.E. Ciomaga, C. S. Olariu, L. Padurariu, A.V. Sandu, C. Galassi and L. Mitoseriu	<i>Low field permittivity of ferroelectric-ferrite ceramic composites. Experiment and modeling</i>	Journal of Applied Physics, 112, 094103 1-7	(2012)
7	C.E. Ciomaga, S. B. Balmus, I. Dumitru and L. Mitoseriu	<i>Experimental and analytical modeling of resonant permittivity and permeability in ferroelectric-ferrite composites in microwave range</i>	Journal of Applied Physics 111, 124114 1-6	(2012)
8	C.E. Ciomaga, A. M. Neagu, M. V. Pop, M. Airimioaei, S. Tascu, G. Schileo, C. Galassi and L. Mitoseriu	<i>Ferroelectric and dielectric properties of ferrite-ferroelectric ceramic composites</i>	Journal of Applied Physics 113, 074103 1-7	(2013)

ARTICOLE ALTE BAZE DE DATE				
1	L. Pardo, A. Garcia, K. Brebol, L. P. Curecheriu, L. Mitoseriu, E. Mercadelli, C. Galassi	<i>Piezoelectric characterization of lead-free ferroelectric ceramics</i>	Processing and Application of Ceramics 4 [3], 199-207	(2010)
2	A. Bassano, V. Kalayani, L. P. Curecheriu, M. T. Buscaglia, V. Buscaglia, L. Mitoseriu, P. Nanni	<i>Nanoferroelectric perovskite oxides with unusual morphology produced by different synthesis procedures</i>	Processing and Application of Ceramics 4 [3], 147-156	(2010)
3	L. Stoleriu, C. Ciomaga, F. Fochi, P. Ochoa, Jose F. Fernandez, C. Galasi, V. Buscaglia, P. Nanni, L. Mitoseriu	<i>Mechanically clamped PZT ceramics investigated by First-order reversal curves diagram</i>	Processing and Application of Ceramics 4 [3], 209-214	(2010)
4	C. Pădurariu and L. Curecheriu	<i>Proprietati electrice ale ceramicelor compozite (Ni,Zn)Fe<sub>2</sub>O<sub>4</sub>-BaTiO<sub>3</sub></i>	Revista Stiintifica „V. Adamachi”, Universitatea Alexandru Ioan Cuza, Iasi, Vol XX, Nr 1-4	(2011)
5	C. E. Ciomaga, C. S. Olariu, L. Padurariu, S. Tascu, R. Frunza, C. Galassi and L. Mitoseriu	<i>Applicability of Finite-Element Modeling Method and Effective Medium Approximation to ferroelectric-ferrite ceramic composites in microwave range</i>	Conference Proceedings of 48th International Conference on Microelectronics, Devices and Materials with the workshop on CERAMIC MICROSYSTEMS, ISBN 978-961-92933-2-4, pg. 157-162	(2012)
CARTI				
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COMUNICARI STIINTIFICE NATIONALE				
1.	L. P. Curecheriu, M. T. Buscaglia, V. Buscaglia, P. Postolache, L. Mitoseriu	<i>From Fe<sub>2</sub>O<sub>3</sub>@BaTiO<sub>3</sub> core-shell particles to multifunctional composites,</i>	Nanostructured Multifunctional Materials, NMM 2010, Iasi, November 4-5	2010
2.	A. Ianculescu, D. Berger, C. Ciomaga, L. Curecheriu, F. Tudorache, L. Mitoseriu	<i>Dielectric properties and non-linear characteristics of BaTiO<sub>3</sub> ceramics derived from nanopowders prepared by modified Pechini method, Nanostructured</i>	Multifunctional Materials, NMM 2010, Iasi, November 4-5	2010
3.	F. Prihor Gheorghiu, M. T. Buscaglia, V. Buscaglia and L. Mitoseriu	<i>Preparation of BiFeO<sub>3</sub> based multiferroic nanoparticles with particular microstructural characteristics by hydrothermal synthesis,</i>	Nanostructured Multifunctional Materials, NMM 2010, Iasi, November 4-5	2010
4.	I. V. Ciuchi, G.	<i>Preparation and</i>	Nanostructured	2010



	Apachitei, A. Neagu, L. P. Curecheriu, M. T. Buscaglia, V. Buscaglia, A. Ianculescu, L. Mitoseriu	<i>characterisation of <math>Ba_{12}Fe_{28}Ti_{15}O_{84}</math> naturally self-assembled layered system</i>	Multifunctional Materials, NMM 2010, Iasi, November 4-5	
5.	A. Ianculescu, D. Berger, N. Horchidan, L. Curecheriu, L. Mitoseriu	<i>Preparation of the <math>BaTi_{1-x}Sn_xO_3</math> ceramics by the modified Pechini method</i>	Nanostructured Multifunctional Materials, NMM 2010, Iasi, November 4-5	2010
6.	F. Prihor Gheorghiu, M. T. Buscaglia, V. Buscaglia and L. Mitoseriu,	<i>Preparation of <math>BiFeO_3</math> – based multiferroic nanoparticles with particular microstructural characteristics by hydrothermal synthesis</i>	Conferința Națională de Fizică, Iași, 23-25 septembrie	2010
7.	Z. V. Mocanu, F. Tudorache, L. P. Curecheriu, L. Mitoseriu	<i>Description of polycrystalline ceramics by equivalent circuits in Impedance spectroscopy characterisation</i>	Conferinta Nationala de Fizica, Iasi, Romania, 23-25 septembrie	2010
8.	G. Apachitei, A. Neagu, R. Frunza, L. P. Curecheriu, M. T. Buscaglia, V. Buscaglia, L. Mitoseriu	<i>Preparation and characterisation of <math>Ba_{12}Fe_{28}Ti_{15}O_{84}</math> naturally self-assembled layered system</i>	Conferinta Nationala de Fizica, Iasi, Romania, 23-25 septembrie	2010
9.	L. P. Curecheriu, V. Buscaglia, P. Postolache, A. Ianculescu, L. Mitoseriu, P. Nanni	<i>Functional properties of multiferroic composites with core-shell structure related with microstructure characteristics</i>	Conferinta Diaspora in cercetarea stiintifica si invatamantul superior din Romania, Workshop: Materiale multifunctionale micro si nanostructurate: de la cercetare la aplicatii, Bucuresti 21-24 septembrie	2010
10	L. Padurariu, C. Enachescu, L. Mitoseriu	<i>Monte Carlo simulation for describing the ferroelectric-relaxor crossover and local polarisation in <math>BaTiO_3</math>-based solid solutions</i>	FTEM, 15 mai 2011, Iasi, Romania	2011
<b>COMUNICARI STIINTIFICE INTERNATIONALE</b>				
1.	F. Gheorghiu, M. T. Buscaglia, V. Buscaglia, P. Nanni, C. Ciomaga, L. Mitoseriu	The hydrothermal synthesis of $BiFeO_3$ – based multiferroic nanostructures with particular geometries and microstructural characteristics	Syntheses and Methodologies in Inorganic Chemistry, SAMIC 2010, 28 noiembrie -2 decembrie 2010, Bressanone, Italia	2010
2.	L. P. Curecheriu, I. V. Ciuchi, A. Neagu, R. C. Frunza, G. Apachitei, M. T. Buscaglia, V. Buscaglia, L. Mitoseriu,	Preparation and characterisation of $Ba_{12}Fe_{28}Ti_{15}O_{84}$ naturally self-assembled layered system	Syntheses and Methodologies in Inorganic Chemistry, SAMIC 2010, 28 noiembrie -2	2010

	P Nanni		decembrie 2010, Bressanone, Italia	
3.	C. E. Ciomaga, M. Airimioaei, A. R. Iordan, M.a N. Palamaru, L. Mitoseriu, Liviu Leontie, A.V. Sandu	The synthesis and the multifunctional characterization of $Ni_{1-x}Mn_xFe_2O_4$ ferrites,	Syntheses and Methodologies in Inorganic Chemistry, SAMIC 2010, 28 noiembrie -2 decembrie 2010, Bressanone, Italia	2010
4.	L. Pădurariu, C. E. Ciomaga and L. Mitoseriu	Monte Carlo simulations for describing the ferroelectric-relaxor crossover	Syntheses and Methodologies in Inorganic Chemistry, SAMIC 2010, 28 noiembrie -2 decembrie 2010, Bressanone, Italia	2010
5.	R. C. Frunza, I. V Ciuchi, L. P. Curecheriu, A. Bassano, V. Buscaglia, L. Mitoseriu,	Functional properties of $Ba_{12}Fe_{28}Ti_{15}O_{84}$ naturally self-assembled layered system,	European School on Multiferroics, ESMF, L'Aquila, Italy, 27 September – 1 October, 2010	2010
6.	C. E. Ciomaga, D. Berger, A. Ianculescu, L. Mitoseriu,	Preparation and Impedance spectroscopy investigation of $BaTi_{1-x}Zr_xO_3$ nanostructured ceramics,	10 <sup>th</sup> European Conference on applications of Polar Dielectrics ECAPD 2010, Edinburg, 9-12 <sup>th</sup> August 2010, Marea Britanie	2010
7.	L. Curecheriu, V. Buscaglia, A. Ianculescu, L. Mitoseriu,	Tunability properties of nanostructured ceramics,	ERS Meeting of the COST MP0904 Action, 21-23 Martie 2011, Hasselt, Belgia	2011
8.	F. Gheorghiu, M. T. Buscaglia, V. Buscaglia, P. Nanni, L. Mitoseriu,	Preparation of $BiFeO_3$ nanostructures by hydrothermal synthesis,	ERS Meeting of the COST MP0904 Action, 21-23 Martie 2011, Hasselt, Belgia	2011
9.	L. Padurariu, C. Enachescu, L. Mitoseriu,	Monte Carlo simulation for describing the ferroelectric-relaxor crossover,	ERS Meeting of the COST MP0904 Action, 21-23 Martie 2011, Hasselt, Belgia	2011
10.	N. Horchidan, A. Ianculescu, L.Curecheriu, C.E. Ciomaga, F. Tudorache and L. Mitoseriu,	Temperature dependence of non-linear properties of $BaTi_{1-x}Sn_xO_3$ ceramics prepared by solid state method,	Advances to the Applied Physics and Materials Science Congress, APAMS, 12-15 May 2011, Antalya, Turkey	2011
11.	L.-P. Curecheriu, I.V. Ciuchi, G. Apachitei, A. Neagu, M.T. Buscaglia, V. Buscaglia, A. Ianculescu, P. Postolache and L. Mitoseriu,	Preparation and functional properties of $Ba_{12}Fe_{28}Ti_{15}O_{84}$ naturally self-assembled layered system,	Advances to the Applied Physics and Materials Science Congress, APAMS, 12-15 May 2011, Antalya, Turkey	2011
12.	I. Ciuchi, A. M. Neagu, G. Apachitei and L.P.	Impedance spectroscopy characterization of	Advances to the Applied Physics and	2011



	Curecheriu	biomaterials,	Materials Science Congress, APAMS, 12-15 May 2011, Antalya, Turkey	
13.	Z. Mocanu, A. Ianculescu, M. Crişan, L.P. Curecheriu and L. Mitoseriu	Ferroelectric-semiconducting properties of La-doped BaTiO <sub>3</sub> ceramics,	Advances to the Applied Physics and Materials Science Congress, APAMS, 12-15 May 2011, Antalya, Turkey	2011
14.	L. Pădurariu, C. Ciomaga, L. Mitoseriu	Ferroelectric-relaxor crossover described by Monte Carlo simulations,	Advances to the Applied Physics and Materials Science Congress, APAMS, 12-15 May 2011, Antalya, Turkey	2011
15.	C.E. Ciomaga, C. Galassi, L. Mitoseriu, M. Airimioaiei, A.R Iordan and M.N. Palamaru	Comparative study of the functional properties of pure and Nb-doped PZT - NiFe <sub>2</sub> O <sub>4</sub> magnetoelectric ceramics,	Advances to the Applied Physics and Materials Science Congress, APAMS, 12-15 May 2011, Antalya, Turkey	2011
16.	F. Gheorghiu, M.T. Buscaglia, V. Buscaglia, C.E. Ciomaga, L. Mitoseriu	Preparation of BiFeO <sub>3</sub> – based multiferroic nanoparticles with particular microstructural characteristics by hydrothermal synthesis,	Advances to the Applied Physics and Materials Science Congress, APAMS, 12-15 May 2011, Antalya, Turkey	2011
17.	F. Gheorghiu, I. Dumitru, A. Ianculescu, P. Postolache, L. Curecheriu, L. Mitoseriu	Functional properties of BiFeO <sub>3</sub> ceramics below room temperature,	Advances to the Applied Physics and Materials Science Congress, APAMS, 12-15 May 2011, Antalya, Turkey	2011
18.	A. Ianculescu, L. Curecheriu, C. Ciomaga, L. Mitoseriu, D. Berger, G. Fantozzi, G. Bonnefont	Study of nanostructured Ba(Ti,Zr)O <sub>3</sub> ceramics produced by spark plasma sintering,	European Meeting of Ferroelectricity, EMF, 26 June-2 July 2011 Bordeaux, France	2011
19.	A. Ianculescu, F. Gheorghiu, P. Postolache, L. Mitoseriu	The effect of doping on structural and functional properties of BiFe <sub>1-x</sub> Cr <sub>x</sub> O <sub>3</sub> ceramics,	European Meeting of Ferroelectricity, EMF, 26 June-2 July 2011 Bordeaux, France	2011
20.	F. Gheorghiu, A. Ianculescu, P. Postolache, O. Oprea, L. Mitoseriu	Structural and functional properties of the Mn-BiFeO <sub>3</sub> based solid solution,	European Meeting of Ferroelectricity, EMF, 26 June-2 July 2011 Bordeaux, France	2011
21.	S.B. Balmus, C.E. Ciomaga, I. Dumitru, J. Banys, C. Galassi and L. Mitoseriu	Analytical modeling of resonant permittivity and permeability in ferroelectric-ferrite composites in microwave range	COST MP 0904 Action - Single and Multiphase Ferroics and Multiferroics with Restricted Geometries, 30-06-2011 to 01-07-2011, Bordeaux University, Bordeaux,	2011

			France	
22.	L.P. Curecheriu, M.T. Buscaglia, V. Buscaglia, D. Pantel, M. Alexe and L. Mitoseriu	$\alpha$ Fe <sub>2</sub> O <sub>3</sub> -BaTiO <sub>3</sub> ceramic composites with magnetoelectric coupling,	COST, 30 June-1 July 2011, Bordeaux, France	2011
23.	F. Gheorghiu, A. Ianculescu, V. Musteata, L. Padurariu, L. Mitoseriu	Conductivity Anomaly in BiFeO <sub>3</sub> Ceramics Prepared by One-Step Sintering Method,	COST, 30 June-1 July 2011, Bordeaux, France	2011
24.	L. Padurariu, C. Enachescu, L. Mitoseriu,	Ferroelectric-Relaxor Crossover and Local Polarization Properties of BaTiO <sub>3</sub> -based Solid Solutions Described by Monte Carlo Simulations,	COST, 30 June-1 July 2011, Bordeaux, France	2011
25.	Z.V. Mocanu, C. Vasilescu, A. Ianculescu, M. Olariu, L. Curecheriu, C.E. Ciomaga, F. Tudorache and L. Mitoseriu	Dielectric properties and tunability of Ba Ce <sub>x</sub> TiO <sub>3</sub> ceramics prepared by Pechini method,	European Meeting of Ferroelectricity, EMF, 26 June-2 July 2011 Bordeaux, France	2011
26.	Z.V. Mocanu, A. Ianculescu, C. Vasilescu, L.P. Curecheriu, M. Olariu and L. Mitoseriu	Non-linear properties of Ce-doped BaTiO <sub>3</sub> ceramics prepared from Pechini powders,	COST, 30 June-1 July 2011, Bordeaux, France	2011
27.	F. Gheorghiu, A. Ianculescu, V. Musteață and L. Mitoseriu	Impedance spectroscopy and magnetic investigation of BiFeO <sub>3</sub> ceramics prepared by one-step sintering method,	Amorphous and Nanostructured Magnetic Materials (ANMM), Secțiunea postere, 5-7 september 2011, INCDFE, Iași	2011
28.	C.E. Ciomaga, M. Airimioaei, V. Nica, L.M. Hrib, O.F. Caltun, A.R. Iordan, C. Galassi, L. Mitoseriu, M.N. Palamaru	Preparation and magnetoelectric properties of NiFe <sub>2</sub> O <sub>4</sub> -PZT ceramic composite,	Amorphous and Nanostructured Magnetic Materials (ANMM), 5-7 september 2011, INCDFE, Iași	2011
29.	L.P. Curecheriu, I.V. Ciuchi, G. Apachitei, A. Neagu, M.T. Buscaglia, V. Buscaglia, P. Postolache, L. Mitoseriu,	Magnetic and dielectric properties of Ba <sub>12</sub> Fe <sub>28</sub> Ti <sub>15</sub> O <sub>84</sub> naturally self-assembled layered ceramics,	Amorphous and Nanostructured Magnetic Materials (ANMM), 5-7 september 2011, INCDFE, Iași	2011
30.	L. Padurariu, C. Enachescu, L. Mitoseriu,	Monte Carlo simulation for describing the ferroelectric-relaxor crossover and local polarisation in BaTiO <sub>3</sub> -based solid solutions,	Amorphous and Nanostructured Magnetic Materials (ANMM), 5-7 september 2011, INCDFE, Iași	2011
31.	M. Airimioaei, A.R. Iordan, M.N. Palamaru, L.P. Curecheriu, V. Nica, P. Postolache, L.	Structural investigation and functional properties of Mg <sub>x</sub> Ni <sub>1-x</sub> Fe <sub>2</sub> O <sub>4</sub> ferrite,	Amorphous and Nanostructured Magnetic Materials (ANMM), 5-7	2011



	Mitoseriu		september 2011, INCDFT, Iași	
32.	F. Gheorghiu, A. Ianculescu, G. Apachitei, A. Neagu, V. Musteata and L. Mitoseriu	Conductivity anomaly in BiFeO <sub>3</sub> ceramics prepared by one-step sintering method,	IEEE-ROMSC, 16 October 2011, Iasi, Romania	2011
33.	L. Padurariu, C. Enachescu, L. Mitoseriu	Monte Carlo simulation for describing the ferroelectric-relaxor crossover and local polarisation in BaTiO <sub>3</sub> -based solid solutions,	IEEE-ROMSC, 16 October 2011, Iasi, Romania	2011
34.	L. Padurariu, L. Curecheriu, C. Enachescu and L. Mitoseriu	Ferroelectric-relaxor crossover of BaTiO <sub>3</sub> -based solid solutions and grain size effect in BaTiO <sub>3</sub> described by Monte Carlo simulations,	2 <sup>nd</sup> ERS Meeting of the COST MP0904 Action, 16-18 Noiembrie 2011, Novi Sad, Serbia	2011
35.	F. Gheorghiu, L.P. Curecheriu, A. Ianculescu, V. Musteata, L. Mitoseriu	Investigation of functional properties of BiFeO <sub>3</sub> ceramics prepared by one-step sintering method,	2 <sup>nd</sup> ERS Meeting of the COST MP0904 Action, 16-18 Noiembrie 2011, Novi Sad, Serbia	2011
36.	C.E. Ciomaga, C. Olariu, C. Galassi, L. Mitoseriu	Functional properties of PZT-NiFe <sub>2</sub> O <sub>4</sub> magnetoelectric ceramic composites described by Effective Field Models,	2 <sup>nd</sup> ERS Meeting of the COST MP0904 Action, 16-18 Noiembrie 2011, Novi Sad, Serbia	2011
37.	F. Gheorghiu, A. Ianculescu, P. Postolache, L. Mitoseriu	The effect of Mn and La substitutions on functional properties of BiFeO <sub>3</sub> multiferroic ceramics,	2 <sup>nd</sup> ERS Meeting of the COST MP0904 Action, 16-18 Noiembrie 2011, Novi Sad, Serbia	2011
38.	L. Padurariu, M. Alexe, L. Mitoseriu,	Simulation of cross-talk phenomena in ferroelectric nanocapacitor system,	3 <sup>rd</sup> COST MP0904, 23 Aprilie 2012, Vilnius, Lituania	2012
39.	F. Gheorghiu, L. Curecheriu, A. Ianculescu, V. Musteata, L. Mitoseriu	New aspects concerning the tunability and dielectric anomalies of BiFeO <sub>3</sub> ceramics,	Electroceramics XIII, 24-27 June, Twente, Holland	2012
40.	C.E. Ciomaga, M.T. Buscaglia, V. Buscaglia, L. Mitoseriu	Oxygen deficiency and grain boundary-related giant relaxation in Ba(Zr,Ti)O <sub>3</sub> ceramics,	Electroceramics XIII, 24-27 June, Twente, Holland	2012
41.	F. Gheorghiu, R. Apetrei, M. Dobromir, A. Ianculescu, D. Luca, L. Mitoseriu	Investigation of Co-doped PZT films deposited by rf-magnetron sputtering,	Electroceramics XIII, 24-27 June, Twente, Holland	2012
42.	L.P. Curecheriu, L. Padurariu, L. Mitoseriu, V. Buscaglia	Tayloring dc-tunability properties of ferroelectric ceramics by reduction grain size at nanoscale,	ISAF-ECAPD 9-13 July 2012, Aveiro, Portugal	2012
43.	C. E. Ciomaga, M. Airimioaei, C. Galassi,	Electrical conduction, magnetic and	ISAF-ECAPD 9-13 July 2012, Aveiro,	2012

	Al. R. Iordan, M. N. Palamaru, L. Mitoseriu	magnetolectric properties in $X\text{-NiFe}_2\text{O}_4+(1-X)\text{PZTNb}$ composite systems,	Portugal	
44.	F. Gheorghiu, L. Curecheriu, R. Tanasa, M.V. Pop, L. Mitoseriu	Comparison between the properties of pure $\text{BiFeO}_3$ ceramics prepared by single and two step sintering methods,	ISAF-ECAPD 9-13 July 2012, Aveiro, Portugal	2012
45.	F. Gheorghiu, R. Tanasa, C. G. Pastravanu, E. Popovici, V. Buscaglia, M. T. Buscaglia, P. Nanni, L. Mitoseriu	The hydrothermal synthesis characterization and functional properties of $\text{Bi}_2\text{Fe}_4\text{O}_9$ micro/nanostructures,	ISAF-ECAPD 9-13 July 2012, Aveiro, Portugal	2012
46.	L. Padurariu, M. Alexe, L. Mitoseriu	Simulation of cross-talk phenomena in ferroelectric nanocapacitor systems,	ISAF-ECAPD 9-13 July 2012, Aveiro, Portugal	2012
47.	A.M. Neagu, C.E. Ciomaga, M.V. Pop, S. Tascu, C. Galassi, L. Mitoseriu,	Ferroelectric and dielectric properties of ferrite-ferroelectric ceramic composite,	9th International Conference on Physics of Advanced Materials (ICPAM-9) 20-23 septembrie 2012, Iasi, Romania	2012
48.	C. S. Olariu, L. Padurariu, C. E. Ciomaga, C. Galassi, L. Mitoseriu	Effective Medium Approximation and Finite Element Method for prediction of dielectric properties in composite materials,	Joint Conference COST MP0904 Action and 9 <sup>th</sup> Edition IEEE-ROMSC 2012, 24-26 Septembrie 2012, Iasi, Romania	2012
49.	C.E. Ciomaga, C.S. Olariu, L. Padurariu, S. Tascu, R. Frunza, C. Galassi, L. Mitoseriu,	Applicability of Finite Element modeling method and Effective Medium approximation to ferroelectric-ferrite ceramic composites in microwave range,	48th International Conference on Microelectronics, Devices and Materials with the workshop on CERAMIC MICROSYSTEMS, 19-21 september, OTOČEC, Slovenia	2012
50.	L. Padurariu, M. Alexe and L. Mitoseriu	Simulation of cross-talk phenomena in ferroelectric nanocapacitor systems,	COST MP0904 Workshop "Nanoscale Phenomena" 21 March 2013, Belfast, United Kingdom	2013
51.	C. Harnagea, L. Curecheriu, M. T. Buscaglia, V. Buscaglia, L. Mitoseriu	Magnetic and ferroelectric domain structures in $\text{Fe}_2\text{O}_3@\text{BaTiO}_3$ magnetolectric composites,	COST MP0904 Workshop "Nanoscale Phenomena" 21 March 2013, Belfast, United Kingdom	2013
52.	L. Padurariu, L. Curecheriu, M. Pop, C. Galassi, V. Buscaglia and L. Mitoseriu	The role of the local electric field inhomogeneity on the electrical properties of ferroelectric composites,	COST MP0904, 22-23 April 2013, Faenza, Italy	2013
53.	C. E. Ciomaga, A. M. Neagu, C. Galassi and	Synthesis and functional properties of ferroelectric-	COST MP0904, 22-23 April 2013, Faenza,	2013



	L. Mitoseriu	carbon nanotube composites by Spark Plasma Sintering,	Italy	
54.	L.P. Curecheriu, M.T. Buscaglia, V. Buscaglia, L. Mitoseriu	New functional properties driven by interface reactions in core-shell structures,	COST MP0904 Action, 22-23 April 2013, Faenza, Italy	2013
55.	C. E. Ciomaga, C. Baldisserrri, C. Galassi and L. Mitoseriu,	Structural, microstructural and electrical analyses of PZTNb/CoFe <sub>2</sub> O <sub>4</sub> multilayer composites prepared by electrophoretic deposition,	COST MP0904 Action 22-23 April 2013, Faenza, Italy	2013
56.	F. Gheorghiu, L. Padurariu, Mihai V. Pop, C. Ciomaga, C. Capiani, C. Galassi and L. Mitoseriu,	The role of porosity on the ferroelectric properties of PZTN ceramics: experiment and modeling,	COST MP0904 Action, 22-23 April 2013, Faenza, Italy	2013
57.	F. Gheorghiu, L. Curecheriu, V. Musteata, S. Feraru, C. Ciomaga, N. Lupu, M. N. Palamaru and L. Mitoseriu,	The structural and functional properties of Sm <sub>2</sub> NiMnO <sub>6</sub> double perovskite multiferroic ceramics prepared by sol-gel combustion method,	COST SIMUFER Action MPO904 Workshop Advances in Ferroelectrics and Multiferroics, Prague, Czech Republic, Institute of Physics AS CR, 21 July 2013	2013
58.	C. E. Ciomaga, L. Padurariu, C. Galassi and L. Mitoseriu,	Functional properties of ferroelectric-ferrite magnetoelectric composites,	COST SIMUFER Action MPO904, Prague, Czech Republic, Institute of Physics AS CR, 21 July 2013	2013
59.	C. E. Ciomaga, M.V. Pop, L. Padurariu, M. Airimioaei, C. Galassi and L. Mitoseriu	Effect of composition on functional properties of ferroelectric-ferrite composite systems,	Joint IEEE, UFFC, EFTF and PFM symposia Prague, Czech Republic, 21—25 July 2013	2013
60.	F. Gheorghiu, L. Curecheriu, V. Musteata, S. Feraru, C. Ciomaga, N. Lupu, M. N. Palamaru and L. Mitoseriu	The structural, electrical and magnetic properties of Sm <sub>2</sub> NiMnO <sub>6</sub> double perovskite multiferroic ceramics,	13th International Meeting on Ferroelectricity, Kraków, Poland, 2-6 september 2013	2013
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Dear Dr. [Name]:

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