

LIST OF SCIENTIFIC PAPERS

Name: Felicia Gheorghiu (Prihor before married)

➤ ISI PAPERS

- 1. Author(s):** Khiat Abdelmadjid, Felicia Gheorghiu, Boughelout Abderrahmane
Title: Synthesis, Characterization, and Photocatalytic Activity of Ba-Doped BiFeO₃ thin films
Source: Materials 15(3) (2022) article number 961, **Q1**
Type: Regular paper
Impact factor = 3.748 (for 2021); SRI=1.822 (for 2021)
- 2. Author(s):** Khiat Abd elmadjid, Felicia Gheorghiu, Mokhtar Zerdali, Ina Turcan, Saad Hamzaoui,
Title: Structural, Magnetic, Dielectric and Piezoelectric Properties of Multiferroic PbTi1-xFexO3-δ Ceramics
Source: Materials 14(4) (2021) article number 927, **Q1**
Type: Regular paper
Impact factor = 3.748; SRI=1.822
- 3. Author(s):** Khiat Abd elmadjid, Felicia Gheorghiu, Mokhtar Zerdali, Saad Hamzaoui,
Title: The influence of vacuum pressure on the electrical properties of PbTiO_{3-δ} ceramics
Source: Materials Science & Engineering B 260 (2020) 114640, **Q1**
Type: Regular paper
Impact factor = 4.051; SRI=1.366
- 4. Author(s):** Felicia Gheorghiu, Roxana Stanculescu, Lavinia Curecheriu , Elisabetta Brunengo , Paola Stagnaro , Vasile Tiron , Petronel Postolache , Maria Teresa Buscaglia , and Liliana Mitoseriu
Title: PVDF–ferrite composites with dual magnetopiezoelectric response for flexible electronics applications: synthesis and functional properties
Source: Journal of Materials Science 55 (2020) 3926-3939, **Q2**
Type: Regular paper
Impact factor = 4.220; SRI=1.006
- 5. Author(s):** Felicia Gheorghiu, Mihai Asandulesa, Lavinia Curecheriu
Title: , Electrical properties of KTa0.65Nb0.35O3 lead-free ceramics
Source: Processing and Application of Ceramics 14 [4] (2020) 372–377, **Q3**
Type: Regular paper
Impact factor = 1.804; SRI=1.081,
- 6. Author(s):** Alexandra Guzu, Cristina E. Ciomaga, Mirela Airimioaei, Leontin Padurariu, Lavinia P. Curecheriu, Ioan Dumitru, Felicia Gheorghiu, George Stoian, Marian Grigoras, Nicoleta Lupu, Mihai Asandulesa, Liliana Mitoseriu,

Title: Functional properties of randomly mixed and layered BaTiO₃ - CoFe₂O₄ ceramic composites close to the percolation limit

Source: Journal of Alloys and Compounds 796 (2019) 55-64, **Q1**

Type: Regular paper

Impact factor = 4.650; SRI=2.456

7. Author(s): Khiat Abd elmadjid, **Felicia Gheorghiu**, Mokhtar Zerdali, Mohammed Kadri and Saad Hamzaoui,

Title: Preparation, structural and functional properties of PbTiO_{3-δ} ceramics,

Source: Ceramics International 45 (2019) 9043-9047, **Q1**

Type: Regular paper

Impact factor =3.830; SRI=2.753

8. Author(s): Felicia Gheorghiu, Cristina Elena Ciomaga, Mantas Simenas, Mirela Airimioaei, Shan Qiao, Sorin Tascu, Vidmantas Kalendra, Juras Banys, Ovidiu G. Avadanei and Liliana Mitoseriu,

Title: Preparation and functional characterization of magnetoelectric Ba(Ti_{1-x}Fe_x)O_{3-x/2} ceramics. Application for a miniaturized resonator antenna

Source: Ceramics International 44 (2018), 20862-20870, **Q1**

Type: Regular paper

Impact factor =3.45; SRI=2.536

9. Author(s): Felicia Gheorghiu, Mantas Simenas, Cristina Ciomaga, Mirela Airimioaei, Vidmantas Kalendra, Juras Banys, Marius Dobromir, Sorin Tascu and Liliana Mitoseriu

Title: Preparation and structural characterization of Fe-doped BaTiO₃ diluted magnetic ceramics

Source: Ceramics International 43 (13) (2017), 9998-10005, **Q1**

Type: Regular paper

Impact factor = 3.057; SRI=2.497

10. Author(s): Felicia Gheorghiu, Leontin Padurariu, Mirela Airimioaei, Lavinia Curecheriu, Cristina Ciomaga, Cipriana Padurariu, Carmen Galassi and Liliana Mitoseriu

Title: Porosity dependent properties of Nb-doped Pb(Zr,Ti)O₃ ceramics

Source: Journal of the American Ceramic Society 100 (2017), 647-658, **Q1**

Type: Regular paper

Impact factor = 2.956; SRI=3.674

11. Author(s): Felicia Gheorghiu, Lavinia Curecheriu, Isabelle Lisiecki, Patricia Beaunier, Simona Feraru, Mircea N. Palamaru, Valentina Musteata, Nicoleta Lupu and Liliana Mitoseriu

Title: Functional properties of Sm₂NiMnO₆ multiferroic ceramics prepared by spark plasma sintering

Source: Journal of Alloys and Compounds 649 (2015) 151-158, **Q1**

Type: Regular paper

Impact factor = 3.014; SRI=2.607

12. Author(s): Felicia Gheorghiu, Radu Apetrei, Marius Dobromir, Adelina Ianculescu, Dumitru Luca, Liliana Mitoseriu

Title: Investigation of Co-doped PZT films deposited by rf-magnetron Sputtering

Source: Processing and Application of Ceramics 8 [3] (2014) 113–120, **Q3**

Type: Regular paper

13. Author(s): Felicia Gheorghiu, Mihai Calugaru, Adelina Ianculescu, Valentina Musteata and Liliana Mitoseriu

Title: Preparation and functional characterization of BiFeO₃ ceramics: a comparative study of the dielectric properties

Source: Solid State Sciences, 23 (2013) 79-87, **Q2**

Type: Regular paper

Impact factor = 1.671; SRI=1.132

14. Author(s): Felicia Gheorghiu, Lavinia Curecheriu, Adelina Ianculescu, Mihai Calugaru and Liliana Mitoseriu

Title: Tunable dielectric characteristics of Mn-doped BiFeO₃ multiferroic ceramics

Source: Scripta Materialia Volume 68, Issue 5, March 2013, Pages 305–308, **Q1**

Type: Regular paper

Impact factor = 2.821; SRI=6.674

15. Author(s): Felicia Gheorghiu, Radu Tanasa, Maria Teresa Buscaglia, Vincenzo Buscaglia, Cristina G. Pastravanu, Eveline Popovici and Liliana Mitoseriu

Title: Preparation of Bi₂Fe₄O₉ particles by hydrothermal synthesis and functional properties

Source: Phase Transit 86 (7), 726-736 (2013) **Q3**

Type: Proceedings- Special Issue: The Third COST MP0904 WG Workshop "Advanced characterization and functional properties of ferroelectrics and multiferroics", Vilnius, 23-24 April 2012 **Q3**

Impact factor =1.044; SRI=0.867

16. Author(s): Lavinia Curecheriu, Felicia Gheorghiu, Adelina Ianculescu, Liliana Mitoseriu,

Title: Non-linear dielectric properties of BiFeO₃ ceramics,

Source: Appl. Phys. Lett. 99, (2011) 172904 **Q1**

Type: Regular paper

Impact factor =3.844

17. Author(s): Raluca Frunza, Dan Ricinschi, Felicia Gheorghiu, Radu Apetrei, Dumitru Luca, Liliana Mitoseriu, Masanori Okuyama

Title: Preparation and characterisation of PZT films by RF-magnetron sputtering

Source: J. Alloys Compd. 509 (2011) 6242–6246, **Q1**

Type: Regular paper

Impact factor = 2.289

18. Author(s): Elena-Adriana Perianu, Ioana Aurelia Gorodea, **Felicia Gheorghiu**, Andrei Victor Sandu, Adelina Carmen Ianculescu, Ion Sandu, Alexandra Raluca Iordan, Mircea Nicolae Palamaru

Title: Preparation and Dielectric Spectroscopy Characterisation of A_2MnMoO_6 ($A = Ca, Sr$ and Ba) Double Perovskites

Source: Revista de Chimie (2011), Vol. 62, Issue: 1, p. 17-20, **Q3**

Type: Regular paper

Impact factor = 0.599

19. Author(s): Adelina Ianculescu, **Felicia Prihor Gheorghiu**, Petronel Postolache, Ovidiu Oprea, Liliana Mitoseriu

Title: The role of doping on the structural and functional properties of $BiFe_{1-x}Mn_xO_3$ magnetoelectric ceramics

Source: J. Alloys Compd. 504(2010) 420–426, **Q1**

Type: Regular paper

Impact factor = 2.138

20. Author(s): **Felicia Prihor Gheorghiu**, Adelina Ianculescu, Petronel Postolache, Nicoleta Lupu, Marius Dobromir, Dumitru Luca, Liliana Mitoseriu

Title: Preparation and properties of $(1-x)BiFeO_3 - xBaTiO_3$ multiferroic ceramics,

Source: J. Alloys Compd. 506 (2010) 862–867, **Q1**

Type: Regular paper

Impact factor = 2.138

21. Author(s): Zhenmian Shao, Sebastien Saitzek, Pascal Roussel, Olivier Mentre, **Felicia Prihor Gheorghiu**, Liliana Mitoseriu, Rachel Desfeux

Title: Structural and dielectric/ferroelectric properties of $(La_{1-x}Nd_x)_2Ti_2O_7$ synthesised by sol-gel route,

Source: Journal of Solid State Chemistry (2010), Vol. 183, Issue: 7, p.1652-1662 **Q2**

Type: Regular paper

Impact factor = 2.261

22. Author(s): Elena-Adriana Perianu, Ioana Aurelia Gorodea, **Felicia Prihor**, Liliana Mitoseriu, Adelina Carmen Ianculescu, Alexandra Raluca Iordan, Mircea Nicolae Palamaru

Title: Preparation by Citrate Combustion and Characterisation of Complex Oxides $Ca_{2-x}La_xMnMoO_6$,

Source: Revista de Chimie (2010), Vol. 61, Issue: 3, p. 242-244 **Q3**

Type: Regular paper

Impact factor = 0.693

23. Author(s): **Felicia Prihor**, Adelina Ianculescu, Liliana Mitoseriu, Petronel Postolache, Lavinia Curecheriu, Nicolae Dragan, Dorin Crisan

Title: Functional properties of the $(1-x)BiFeO_3 - xBaTiO_3$,

Source: Ferroelectrics, 391, 76-82, 2009 **Q4**
Type: Proceedings- 9th European Conference on Applications of Polar Dielectrics (ECAPD-9), Roma, Italia, aug 25-29, 2008
Impact factor = 0.447

24. Author(s): A. Ianculescu , **Felicia Prihor**, P. Postolache, L. Mitoseriu, N. Dragan, D. Crisan
Title: Preparation, Structural and Magnetic Properties of *Mn*-doped *La_{0.1}Bi_{0.9}FeO₃* Ceramics,
Source: Ferroelectrics (2009) 391, 67-75 **Q4**
Type: Proceedings- 9th European Conference on Applications of Polar Dielectrics (ECAPD-9), Roma, Italia, aug 25-29, 2008
Impact factor = 0.447

25. Author(s): C.E. Ciomaga, C. Galassi, **Felicia Prihor**, I. Dumitru, L. Mitoseriu, A.R. Iordan, M. Airimioaei, M.N. Palamaru,
Title: Preparation and properties of the *CoFe₂O₄-Nb-Pb(Zr,Ti)O₃* multiferroic composites prepared in situ by gel-combustion method,
Source: J. Alloys Compd. 485 (2009) 372–378 **Q1**
Type: Regular paper
Impact factor = 2.135

26. Author(s): A.R. Iordan, M. Airimioaei, M.N. Palamaru, C. Galassi, A.V. Sandu, C.E. Ciomaga, **Felicia Prihor**, L. Mitoseriu and A. Ianculescu
Title: In situ preparation of *CoFe₂O₄-Pb(ZrTi)O₃* multiferroic composites by gel-combustion technique,
Source: J. Eur. Ceram. Soc., 29 (2009) 2807–2813 **Q1**
Type: Regular paper
Impact factor = 2.090

27. Author(s): L. Mitoseriu, C.E. Ciomaga, I. Dumitru, L.P. Curecheriu, **Felicia Prihor** and A.Guzu,
Title: Study of the frequency-dependence of the complex permittivity in *Ba(Zr, Ti)O₃* ceramics: evidences of the grain boundary phenomena,
Source: Journal of Optoelectronics and Advanced Materials, Vol. 10, Iss. 7, p. 1843-1846, 2008 **Q3**
Type: Proceedings- International Workshop on Exotic States in Materials with Strongly Correlated Electrons
Impact factor = 0.577

➤ NON-ISI PAPERS

National journals:

[1] **Author(s):** **Felicia Prihor**, P. Postolache , A. Ianculescu and L. Mitoseriu,

Title: Caracteristicile dielectrice și magnetice ale soluției solide multiferoice pe bază de $BiFeO_3$,

Source: Revista Științifică "V.Adamachi", Vol. XVII, Nr. 1 (serie nouă), aprilie-mai 2008, pag. 111-114

[2] **Author(s):** E.V. Buta, P. Pascariu, **Felicia Prihor**, L. Vlad, V. Pohoată, R. Apetrei, D. Luca, A. Nastuță, I. Alupoaei, D. Mardare

Title: Characterisation of sputtered TiO_2 thin films,

Source: Analele Științifice ale Universității "AL. I. Cuza" IAȘI, Tomul IV, s. Biofizică, Fizică medicală și Fizica mediului 2008

[3] **Author(s):** **Felicia Prihor**, C. E. Ciomaga, L. P. Curecheriu, L. Mitoseriu

Title: Study of the $BiFeO_3$ -based multiferroic ceramics with magnetoelectric coupling,

Source: Revista Științifică "V. Adamachi", Serie nouă, vol.XVI, nr. 1, pag. 116-118, 2007

[4] **Author(s):** **Felicia Prihor**, M. Toma

Title: Observații asupra radiației în vizibil emise de plasma unei descărcări electrice în gaze

Source: Revista Științifică "V.Adamachi", Vol.XV-Nr.2 (serie nouă), aprilie-iunie 2006, pag 56-58

➤ NATIONAL PATENT

[1] **Author(s):** A. Ianculescu, G. Voicu, D. C. Berger, L. Mitoseriu, **Felicia Prihor**

Title: Procedeu de preparare a soluțiilor solide de tip $BiFeO_3$ - $BaTiO_3$ de înaltă puritate și produs ceramic cu proprietăți dielectrice și feromagnetice optime obținute prin acesta, Brevet OSIM, Nr. 123236/30.03.2011

Participations to the conferences:

➤ International conferences

1. L. Mitoseriu, **F. Prihor**, V. Buscaglia, M. Viviani, M.T.Buscaglia, P. Nanni, Dielectric and ferroelectric properties of the $(1-x)BiFeO_3 - xBaTiO_3$ multiferroic ceramics, IEEE Magnetics Society Chapter Romania Section, Secțiunea postere, 26 – 29 mai 2007, Universitatea "Al. I. Cuza" Iași (poster)
2. L.P. Curecheriu, **F. Prihor**, A. Guzu and L. Mitoseriu, Frequency – dependence of the complex permittivity of $Ni_{0.50}Zn_{0.50}Fe_2O_3$ ceramics : microstructural

- influences on the dielectric spectra, Amorphous and Nanostructured Magnetic Materials, Secțiunea postere, 29-31 august 2007, INCDFT, Iași (poster)
3. **F. Prihor**, P. Postolache and L. Mitoseriu, Study of single phase multiferroic ceramics with magnetoelectric coupling, 8th International Conference on Physics of Advanced Materials (ICPAM-8), Secțiunea postere, 4 -7 iunie 2008, Universitatea "Al.I.Cuza" Iași (poster)
 4. A. Ianculescu, **F. Prihor**, P. Postolache and L. Mitoseriu, Preparation and properties of Mn-doped $\text{La}_{0.1}\text{Bi}_{0.9}\text{FeO}_3$ multiferroic ceramics, MmDE & IEEE-ROMSC, 6th edition of Materials for Electrical Engineering & 5th edition of IEEE-ROMSC, Secțiunea postere, 16-18 iunie 2008, Universitatea Politehnica București (poster)
 5. P. Postolache, **F. Prihor**, L. Curecheriu, A. Ianculescu, N. Lupu, H. Chiriac and L. Mitoseriu, Dielectric and magnetic behavior of the $(1-x)\text{BiFeO}_3 - x\text{BaTiO}_3$ solid solutions, 2nd International Congress on Ceramics, Secțiunea postere, 29 iunie-4 iulie 2008, Verona (poster)
 6. **F. Prihor**, P. Postolache, L. Curecheriu, A. Ianculescu and L. Mitoseriu, Functional properties of the $(1-x)\text{BiFeO}_3 - x\text{BaTiO}_3$ solid solutions, 9th European Conference on Applications of Polar Dielectrics, Secțiunea postere, 26-29 august 2008, Sapienza, Roma (poster)
 7. A. Ianculescu, **F. Prihor**, P. Postolache, L. Mitoseriu, N. Dragan and D. Crisan, Preparation, structural and magnetic properties of Mn-doped $\text{La}_{0.1}\text{Bi}_{0.9}\text{FeO}_3$ ceramics, 9th European Conference on Applications of Polar Dielectrics, Secțiunea postere, 26-29 august 2008, Sapienza, Roma (poster)
 8. P. Postolache, **F. Prihor**, L. Curecheriu, A. Ianculescu, N. Lupu, H. Chiriac and L. Mitoseriu, Dielectric and magnetic behavior of the $(1-x)\text{BiFeO}_3 - x\text{BaTiO}_3$ solid solutions, Electroceramics XI, Secțiunea postere, 31 august-3 septembrie 2008, University of Manchester, UK (poster)
 9. P. Postolache, **F. Prihor**, A. Ianculescu, N. Lupu, H. Chiriac and L. Mitoseriu, Preparation and investigation of the BiFeO_3 - based multiferroic ceramics, SAMIC 2008 International Synthesis and methodologies in inorganic chemistry, 30 noiembrie-4 decembrie 2008, Bressanone (poster)
 10. **F. Prihor**, P. Postolache, I. Dumitru, L. Mitoseriu and A. Ianculescu, Multiferroic properties of BiFeO_3 -based ceramics, IEEE Magnetics Society Chapter Romania Section, Secțiunea postere, 6 - 9 iunie 2009, Universitatea "Al. I. Cuza" Iași (poster)
 11. **F. Prihor**, M. Dobromir, A. Ianculescu, D. Luca and L. Mitoseriu, XPS investigation of the $(1-x)\text{BiFeO}_3 - x\text{BaTiO}_3$ solid solutions in correlation with their magnetic characteristics, IEEE Magnetics Society Chapter Romania Section, Secțiunea postere, 6 - 9 iunie 2009, Universitatea "Al. I. Cuza" Iași (poster)
 12. **F. Prihor**, R. Frunza, I. V. Ciuchi, D. Luca and L. Mitoseriu, Characterization of PZT Thin Films prepared by RF magnetron Sputtering, IEEE Magnetics Society Chapter Romania Section, Secțiunea postere, 6 - 9 iunie 2009, Universitatea "Al. I. Cuza" Iași (poster)
 13. A. R. Iordan, A. M. Irimioaei, **F. Prihor**, C. Galassi, A. Ianculescu, L. Mitoseriu, M. N. Palamaru, Preparation of CoFe_2O_4 on to PZT based templates for obtaining in-situ multiferroic composites, International Conference & Exhibition of European

- Ceramic Society, ECERS Krakow, organizata de The Polish Ceramic Society, Poland, 21-25 June 2009 (poster)
14. M. Dobromir, D. Luca, **F. Prihor**, A. Ianculescu and L. Mitoseriu, XPS investigation of the $(1-x)\text{BiFeO}_3 - x\text{BaTiO}_3$ solid solutions in correlation with their magnetic characteristics, International Conference & Exhibition of European Ceramic Society, ECERS Krakow, organizata de The Polish Ceramic Society, Poland, 21-25 June 2009 (poster)
 15. **F. Prihor**, P. Postolache, I. Dumitru, L. Mitoseriu, A. Ianculescu, Multiferroic properties of BiFeO_3 –based ceramics, The Eighth Students' Meeting, SM-2009 "Processing and Application of Ceramics", December 2-5, 2009, Faculty of Technology, University of Novi Sad, Novi Sad, Serbia (**oral**)
 16. **F. Prihor**, A. Ianculescu, P. Postolache, O. Oprea and L. Mitoseriu, The role of doping on the structural and functional properties of $\text{BiFe}_{1-x}\text{Mn}_x\text{O}_3$ magnetoelectric ceramics, MmDE-IEEE ROMSC International Conference, Faculty of Physics, “Alexandru Ioan Cuza” University Iasi 6 - 8 June 2010 (poster)
 17. **F. Prihor**, A. Ianculescu, P. Postolache, I. Dumitru, D. Cimpoesu and L. Mitoseriu, Preparation, structural and functional properties of BiFeO_3 –based ceramics, Electroceramics XII, Norwegian University of Science and Technology, Trondheim, Norway 13th June - 16th June 2010 (poster)
 18. **F. Prihor**, A. Ianculescu, P. Postolache, O. Oprea and L. Mitoseriu, Structural and functional properties of the Mn- BiFeO_3 based solid solution, : European Conference on the Applications of Polar Dielectrics (ECAPD), Heriot-Watt University, Edinburgh, 9th - 12th August 2010 (poster)
 19. **F. Prihor Gheorghiu**, M. T. Buscaglia, V. Buscaglia and L. Mitoseriu, Preparation of BiFeO_3 nanostructure with particular microstructural geometries by hydrothermal synthesis, : COST – European Co-operation in the Field of Scientific and Technical Research, COST Action MP0904 (SIMUFER), Heriot-Watt University, Edinburgh, 12th August 2010 (poster)
 20. **F. Prihor Gheorghiu**, M. T. Buscaglia, V. Buscaglia and L. Mitoseriu, Preparation of BiFeO_3 –based multiferroic nanostructures by hydrothermal synthesis, NANOSTRUCTURED MULTIFUNCTIONAL MATERIALS, NMM – 2010, November 4 - 5, 2010, Iași, Romania (poster)
 21. **F. Prihor Gheorghiu**, M. T. Buscaglia ,V. Buscaglia, P. Nanni, C. Elena Ciomaga and L. Mitoseriu, The hydrothermal synthesis of BiFeO_3 –based multiferroic nanostructures with particular geometries and microstructural characteristics, SAMIC 2010 “Chemistry for Energy and Life Sciences”, 28 november – 1 december 2010, Bressanone, Italy (poster)
 22. **F. Gheorghiu**, M. T. Buscaglia, V. Buscaglia, P. Nanni and L. Mitoseriu, Preparation of BiFeO_3 nanostructures by hydrothermal synthesis, 1st ESR SIMUFER MP0904 WORKSHOP, 21-23 march 2011, Hasselt, Belgia (**oral**+poster)
 23. **F. Gheorghiu**, M. T. Buscaglia, V. Buscaglia, C. E. Ciomaga and L. Mitoseriu, Preparation of BiFeO_3 –based multiferroic nanoparticles with particular microstructural characteristics by hydrothermal synthesis, Advances in Applied

- Physics&Materials Science – APMAS, 12-15 may 2011, Antalya, Turkey (poster)
24. **F. Gheorghiu**, I. Dumitru, A. Ianculescu, P. Postolache, L. Curecheriu and L. Mitoseriu, Functional properties of BiFeO₃ ceramics below room temperature, Advances in Applied Physics & Materials Science – APMAS, 12-15 may 2011, Antalya, Turkey (poster)
 25. **F. Gheorghiu**, A. Ianculescu, P. Postolache, O. Oprea and L. Mitoseriu, Structural and functional properties of the Mn-BiFeO₃ based solid solution, European Meeting on Ferroelectricity – EMF 2011, 26-2 July 2011, Bordeaux, France (poster)
 26. A. Ianculescu, **F. Gheorghiu**, P. Postolache, O. Oprea and L. Mitoseriu, The effect of doping on structural and functional properties of BiFe_{1-x}Cr_xO₃ ceramics, European Meeting on Ferroelectricity – EMF 2011, 26-2 July 2011, Bordeaux, France (poster)
 27. **F. Gheorghiu**, A. Ianculescu, V. Musteata, L. Padurariu and L. Mitoseriu, Conductivity anomaly in BiFeO₃ ceramics prepared by one-step sintering method, COST SIMUFER MP0904 Conference, 30-2 July 2011, Bordeaux, France (poster)
 28. **F. Gheorghiu**, A. Ianculescu, V. Musteață and L. Mitoseriu, Impedance spectroscopy and magnetic investigation of BiFeO₃ ceramics prepared by one-step sintering method, Amorphous and Nanostructured Magnetic Materials, Secțiunea postere, 5-7 september 2011, INCDFT, Iași (poster)
 29. **F. Gheorghiu**, A. Ianculescu, G. Apachitei, A. Neagu, V. Musteata and L. Mitoseriu, Conductivity anomaly in BiFeO₃ ceramics prepared by one-step sintering method, IEEE ROMSC International Conference, Faculty of Physics, “Alexandru Ioan Cuza” University Iasi, 17 -1 8 October 2010 (poster)
 30. **F. Gheorghiu**, A. Ianculescu, P. Postolache and L. Mitoseriu, The effect of Mn and La substitutions on functional properties of BiFeO₃ multiferroic ceramics, SM-2011 "Processing and Application of Ceramics", Faculty of Technology, University of Novi Sad, Novi Sad, Serbia, November 16-18, 2011 **(oral)**
 31. **F. Gheorghiu**, L. P. Curecheriu, A. Ianculescu, V. Musteata and L. Mitoseriu, Investigation of functional properties of BiFeO₃ ceramics prepared by one-step sintering method, The Second ESR Workshop COST MP0904 joined to the Ninth Students Meeting, Processing and Applications of Ceramics, Faculty of Technology, University of Novi Sad, Novi Sad, Serbia, November 16-18, 2011 **(oral)**
 32. **F. Gheorghiu**, R. Tanase, C. G. Pastravanu, V. Buscaglia, M. T. Buscaglia, Paolo Nanni and Liliana Mitoseriu, The hydrothermal synthesis and characterization of Bi₂Fe₄O₉ micro/nanostructures, First COST MP0904 Training School “Nanostructured oxides: from laboratory research to industrial applications” Institute of Energetics & Interphases IENI-CNR Genoa (IT), 12-13t March 2012 (poster)
 33. **F. Gheorghiu**, L. P. Curecheriu, A. Ianculescu, V. Musteata and L. Mitoseriu, New aspects concerning the tunability and dielectric anomalies of BiFeO₃ ceramics, Electroceramics XIII, University of Twente, Enschede, Netherlands, June 24-27, 2012 **(oral)**

34. **F. Gheorghiu**, R. Apetrei, M. Dobromir, A. Ianculescu, D. Luca and L. Mitoseriu, Investigation of Co-doped PZT films deposited by rf-magnetron sputtering Electroceramics XIII, University of Twente, Enschede, Netherlands, June 24-27, 2012 (poster)
35. **F. Gheorghiu**, L. Curecheriu, R. Tanasa, M. Pop, A. Ianculescu and L. Mitoseriu, Comparison between the properties of pure BiFeO₃ ceramics prepared by single and two step sintering methods, 21st International Symposium on Applications of Ferroelectrics, 11th European Conference on Applications of Polar Dielectrics, 4th Conference Piezoresponse Force Microscopy and Nanoscale Phenomena in Polar Materials (ISAF ECAPD PFM) University of Aveiro, Portugal, July 9-13, 2012 (oral)
36. **F. Gheorghiu**, R. Tanasa, C. G. Pastravanu, E. Popovici, V. Buscaglia, M. T. Buscaglia, P. Nanni, and L. Mitoseriu, The hydrothermal synthesis characterization and functional properties of Bi₂Fe₄O₉ micro/nanostructures, University of Aveiro, Portugal, July 9-13, 2012 (poster)
37. **F. Gheorghiu**, M. T. Buscaglia, V. Buscaglia, C. G. Pastravanu, E. Popovici, and L. Mitoseriu, Preparation by hydrothermal synthesis and photocatalytic properties of Bi₂Fe₄O₉ particles, 9th International Conference on Physics of Advanced Materials, 20 - 23 September 2012, Iasi, Romania (poster)
38. **F. Gheorghiu**, L. Curecheriu, M. Călugăru, A. Ianculescu and L. Mitoseriu Preparation and functional characterization of BiFeO₃ ceramics: a comparative study of the functional properties Joint Conference COST MP0904 Action „Single-and multiphase ferroics and multiferroics with restricted geometries” & IEEE-ROMSC 2012, 24 - 26 September 2012, Iasi, Romania (poster)
39. **F. Gheorghiu**, L. Padurariu, M. 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 „Recent advances in ferro/piezoelectric and multiferroic-based composites”, 22-23 April 2013, Faenza, Italy (poster)
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Dr. Ing. Felicia GHEORGHIU