

## Europass Curriculum Vitae



### Personal information

Name (s)	<b>Ioana-Veronica Ciuchi</b>
E-mail	ciuchi_ioana@yahoo.com
Nationality	Romanian
Date of birth	01 April 1988
Gender	Female

### Recent Position

Dates	<b>From 01/10/2013</b>
Occupation or position held	PhD Student
Main activities and responsibilities	<ol style="list-style-type: none"><li>1. Study of "Perovskite systems with ferroelectric/antiferroelectric character"</li><li>2. Dielectric, ferroelectric and phase characterization of La doped PZT</li><li>3. Structural characterization of ceramics</li></ol> <p>➤ This research activity was concluded with three ISI papers and other three are in progress</p>
Name and type of organization providing education and training	Faculty of Physics, "Alexandru Ioan Cuza" University of Iasi 11 Carol I Bv., RO-700506 Iasi (Romania ) <a href="http://stoner.phys.uaic.ro/diel/">http://stoner.phys.uaic.ro/diel/</a> Institute of Science and Technology for Ceramics (CNR-ISTEC), Via Granarolo, 64 - 4801 Faenza, Italy <a href="http://www.istec.cnr.it/">http://www.istec.cnr.it/</a>

## Work experience and Research Stages

Dates	<b>From 08/07/ 2013 to 07/07/2017</b>
Occupation or position held	Researcher (Research Fellowship)
Main activities and responsibilities	<ul style="list-style-type: none"> <li>➤ Flagship Project RITMARE (La Ricerca ITaliana per il MARE) Project; Subproject 1: Marine Technology; WP 1 Safety; Structural integrity A1, A1.3 Monitoraggio a bordo dello stato delle strutture e del loro livello di degrado;</li> <li>➤ Ather projects: <ul style="list-style-type: none"> <li>○ • CLUSTER Intelligent Factory: Sustainable Manufacturing (2015-2016)</li> <li>○ • JOINT RESEARCH PROJECT with the Romanian Academy (2014-2016)</li> <li>○ • ANTENNA project (PNRMa2010.94 – contract n. 1466): piezo-magnetic composites engineering for wearable miniaturized antennas (2013-2015)</li> <li>○ • PREMIALE: Fabbrica del futuro e made in Italy (2013-2014)</li> </ul> </li> <li>➤ Characterization of ferroelectric, magnetic, multiferroic ceramics and thick films for electromechanical applications: impedance spectroscopy characterization, ferroelectric characterization, dielectric characterization, magnetic characterization</li> <li>➤ Microstructural characterization by SEM, phase and crystalline structural characterization by XRD</li> <li>➤ Caregiver Electrical Measurements Laboratory</li> <li>➤ This research activity was concluded with six ISI papers and other three are in progress</li> </ul>
Name and type of organization providing education and training	Institute of Science and Technology for Ceramics (CNR-ISTEC), Via Granarolo, 64 - 4801 Faenza, Italy <a href="http://www.istec.cnr.it/">http://www.istec.cnr.it/</a>
Dates	<b>26 May-31 May 2014</b>
Occupation or position held	Research Stage
Main activities and responsibilities	<ul style="list-style-type: none"> <li>▪ Magnetic permeability measurement of magneto-dielectric ceramic composites</li> <li>▪ Learning about measuring magnetic permeability and dielectric permittivity with EIA Bullet</li> </ul>
Name and type of organization providing education and training	Department of Radiophysics, Vilnius University, 3 Universiteto St, LT-01513 Vilnius, Lithuania <a href="http://www.ff.vu.lt/en/">http://www.ff.vu.lt/en/</a>
Dates	<b>1 May-29 May 2013</b>
Occupation or position held	Short Term Scientific Mission within the COST MP0904 (SIMUFER)
Main activities and responsibilities	<ul style="list-style-type: none"> <li>▪ Electrical and dielectrically investigation of PZT ceramics and electromagnetic composites</li> <li>▪ Piezoelectric Characterization of piezoelectric ceramics</li> </ul>
Name and type of organization providing education and training	Institute of Science and Technology for Ceramics (CNR-ISTEC), Via Granarolo, 64 - 4801 Faenza, Italy, <a href="http://www.istec.cnr.it/">http://www.istec.cnr.it/</a>
Dates	<b>2007-2012</b>
Occupation or position held	Member in the research team “Dielectrics, Ferroelectrics and Multiferroics” Group
Main activities and responsibilities	Investigation of dielectric and piezoelectric properties and modelling of composite materials (especially biological materials) <ul style="list-style-type: none"> <li>➤ This research activity was concluded with five papers</li> </ul>

Name and type of organization providing education and training	Faculty of Physics, "Alexandru Ioan Cuza" University of Iasi 11 Carol I Bv., RO-700506 Iasi ( Romania ) <a href="http://stoner.phys.uaic.ro/diel/">http://stoner.phys.uaic.ro/diel/</a>
Dates	<b>15 June-15 September 2009</b>
Title of qualification awarded	LLP ERASMUS Student Placement
Principal subjects / occupational skills covered	<ul style="list-style-type: none"> <li>➤ Chemical synthesis of a new ferrite (powder and ceramics) by coprecipitation and solid state reaction</li> <li>➤ This research activity was concluded with one ISI paper</li> </ul>
Name and type of organisation providing education and training	University of Genoa, 1 J.F. Kennedy Street, I-16129 Genoa, Italy Institute of Energetics and Interphases, National Research Council (IENI-CNR), Via De Marini 6, I-16149, Genoa, Italy <a href="http://www.ieni.cnr.it/index.php/it/">http://www.ieni.cnr.it/index.php/it/</a>
<b>Education and training</b>	
Dates	<b>28<sup>th</sup> June 2015</b>
Title of qualification awarded	<b>"One day satellite workshop-Inelastic scattering in ferroic materials"</b>
Principal subjects/occupational skills covered	Theoretical and practical demo courses regarding RAMAN spectroscopy in ceramic composites
Name and type of organisation providing education and training	University of Porto, Portugal
Dates	<b>29 September-03 October 2014</b>
Title of qualification awarded	International <b>FIB-SEM/AFM (JECS Trust) school</b>
Principal subjects/occupational skills covered	<p>Theoretical courses and practical demos concerning SEM, FIB and AFM</p> <ul style="list-style-type: none"> <li>▪ Basics and special application of this techniques on powder, bulk solid ceramic materials and ceramic based nanocomposite systems</li> </ul>
Name and type of organisation providing education and training	Sabancı University Campus, Istanbul, Turkey <a href="http://www.ff.vu.lt/en/">http://www.ff.vu.lt/en/</a>
Dates	<b>March-2015</b>
Title of qualification awarded	Master of Physics ( equivalent Italian degree)
Principal subjects/occupational skills covered	LM 17- Physics
Name and type of organisation providing education and training	Department of Physics and Astronomy, "ALMA MATER STUDIRUM" University of Bologna Viale Berti Pichat, 40127 Bologna (Italy)
Level in national or international classification	Average Grade: 110/110 Thesis Grade: 110/110
Dates	<b>March-2015</b>
Title of qualification awarded	Bachelor of Physics ( equivalent Italian degree)
Principal subjects/occupational skills covered	L30- Science and Technology of Physics
Name and type of organisation providing education and training	Department of Physics and Astronomy, "ALMA MATER STUDIRUM" University of Bologna Viale Berti Pichat, 40127 Bologna (Italy)
Level in national or international classification	Average Grade: 110/110 Thesis Grade: 110/110
Dates	<b>10/2010- 07/2012</b>

Title of qualification awarded | Master degree in Physics  
 Principal subjects/occupational skills covered | Advanced materials. Nanotechnologies  
 Name and type of organisation providing education and training | Faculty of Physics, “Alexandru Ioan Cuza” University of Iasi  
 11 Carol I Bv., RO-700506 Iasi ( Romania )  
 Level in national or international classification | Average Grade: 10/10  
 Thesis Grade: 10/10

Dates | **2007-2010**

Title of qualification awarded | Bachelor of Physics  
 Principal subjects/occupational skills covered | Biophysics  
 Name and type of organisation providing education and training | Faculty of Physics, “Alexandru Ioan Cuza” University of Iasi  
 11 Carol I Bv., RO-700506 Iasi (Romania)  
 Level in national or international classification | Average Grade: 9,30/10  
 Thesis Grade: 9.75/10

Dates | **2007-2010**

Title of qualification awarded | Initial teacher training (compulsory education) – level I  
 Principal subjects/occupational skills covered | Educational psychology, Pedagogy I (Foundations of pedagogy + Curriculum theory and methodology), Pedagogy II (Instruction theory and methodology + Evaluation theory and methodology), Computer-assisted instruction, Didactics for psychology, Teaching practicum, Classroom management  
 Name and type of organisation providing education and training | Teaching Training Department, Alexandru Ioan Cuza University of Iasi  
 3 Toma Cozma Street, RO-700554 Iasi (Romania)

Dates | **2003-2007**

Title of qualification awarded | High-school diploma  
 Principal subjects / occupational skills covered | Mathematics - Computer Science, Average Grade: 8.89/10  
 Name and type of organisation providing education and training | Catholic National College “Sf. Iosif”, 8 Condorilor Street, Bacau (Romania)

**Personal skills and competences**

Mother tongue(s) | **Romanian**

Other language(s)

Self-assessment

*European level (\*)*

**English**

**French**

**Italian**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
C1	Proficient user	C1	Proficeint user	B2	Independent user	B2	Independent user	B2	Independent user
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user

(\*) [\*Common European Framework of Reference for Languages\*](#)

Social skills and competences | - Ability to establish and maintain good working relation with people of different nationality and cultural backgrounds developed during the experiences abroad,  
 - Team work and team spirit gained through seminars, working experience in different research teams and participation at different conferences as a member of research team  
 - Responsibility, punctuality, self-respect and self-reliance

Organisational skills and competences	Experience in scientific cooperation, science communication
Technical skills and competences	Hard-worker, well skilled for laboratory activities, able to think and work independently and in collaboration.
Computer skills and competences	Certificate of Professional Competencies for computer programming (2003); Good command of Office tools (Word, Excel, PowerPoint); Good command of Microcal Origin; Basic command of C/C++; Pascal, Maple, LabView;
Other skills and competences	Photography, Painting, Traveling.
<b>Additional information</b>	
<b>Scientific activity</b>	-co-author of 9 ISI and 7 NON ISI papers; -h - index: 4; ( according with Google citations) -40 citations in ISI journals; - more than 50 participations to international and national conferences; -one patent -reviewer for the Journal of Alloys and compounds
<b>References:</b>	<u>Prof. Liliana Mitoseriu</u> (Faculty of Physics, "Alexandru Ioan Cuza" University of Iasi, Romania) Prof. V. Buscaglia (University of Genoa, 1 J.F. Kennedy Street, I-16129 Genoa, Italy)
<b>Annexes</b>	List of publications, conference presentations, scientific prizes and patent.

## Annexes

### I) SCIENTIFIC PRIZES, FELLOWSHIPS GAINED and reviewer certificate :

- **Mention at FARPhys , Iasi, Awarded by the Faculty of Physics, "A.I.Cuza" of Iasi**
- **Winer of the LLP ERASMUS international fellowship**
- **Winer of the JECS TRUST international fellowship (for USA)**
- **Winer for financial support for participation at International FIB-SEM/AFM (JECS Trust) school**

**From 2016 I received a certificate which allow me to be a reviewer for the Journal of Alloys and Compounds**

### II) PATENT

- **TECHNICAL METHOD FOR DETERMINING THE VOLUME FILLING FACTOR OF MINERAL PHASE IN OSSEOUS BIOCOMPONENTS**

### III) PUBLICATIONS

#### a. International Journals

- 1. I. V. Ciuchi, C. C. Chung, C. M. Fancher, C. Capiani, J. L. Jones, L. Mitoseriu and C. Galassi, "Field induced metastable ferroelectric phase in PLZT 3/90/10 ceramics", Journal of European Ceramic Society, 2017, (IF: 2.933)**

2. **I. V. Ciuchi**, C. C. Chung, C. M. Fancher, J. Guerrier, J. S. Forrester, J. L. Jones, L. Mitoseriu and C. Galassi, "Field-induced antiferroelectric to ferroelectric transition in  $(Pb_{1-x}La_x)(Zr_{0.9}Ti_{0.1})_{1-x}O_3$  investigated by in situ X-ray diffraction", Journal of European Ceramic Society, 2017, (IF: 2.933)
3. **Ioana Veronica Ciuchi**, Liliana Mitoseriu, Carmen Galassi, Antiferroelectric to ferroelectric crossover and energy storage properties of  $(Pb_{1-x}La_x)(Zr_{0.9}Ti_{0.1})_{1-x}O_3$  ( $0.02 \leq x \leq 0.04$ ) ceramics, Journal of American Ceramic Society, 2016, (IF: 2.787)
4. Cernea Marin, Pietro Galizia, **Ioana Veronica Ciuchi**, Aldica Gheorghe, Valentina Mihalache, Lucian Diamandescu, Carmen Galassi,  $CoFe_2O_4$  magnetic ceramic derived from gel and sintered by spark plasma sintering, J. Alloys and Compounds, 2016, (IF:3.014)
5. Pietro Galizia, **Ioana Veronica Ciuchi**, Davide Gardini, Carlo Baldisserri, Carmen Galassi, Bilayer thick structures based on  $CoFe_2O_4/TiO_2$  composite and niobium-doped PZT obtained by electrophoretic deposition, Journal of European Ceramic Society, 2016, (IF: 2.933)
6. Marin Cernea, Raluca Florentina Negrea, **Ioana Veronica Ciuchi**, Carlo Baldisserri, Roxana Trusca, Carmen Galassi, Dielectric characterization of  $Ba_xSr_{1-x}Fe_{12}O_{19}$  ( $x=0.05-0.35$ ) ceramics, Ceramics International, 2016, (IF: 2.758)
7. **I.V. Ciuchi**, F. Craciun, L. Mitoseriu, C. Galassi, Preparation and properties of La doped PZT 90/10 ceramics across the ferroelectric-antiferroelectric phase boundary, Journal of Alloys and Compounds, 2015, (IF: 3.014)
8. F. Craciun, F. Cordero, **I.V. Ciuchi**, L. Mitoseriu, C. Galassi, Refining the phase diagram of  $Pb_{1-x}La_x(Zr_{0.9}Ti_{0.1})_{1-x}O_3$  ceramics by structural, dielectric, and anelastic spectroscopy investigations, Journal of Applied Physics, 2015, (IF: 2.101)
9. P. Galizia, **I. V. Ciuchi**, M. Anbinderis, R. Grigalaitis, C. Galassi, Magnetic Properties of Titania-Cobalt Ferrite Ceramic in Situ Composites, Proceedings of ICEEA-IEEE\_APC, Torino, Italy, 2015, (Proceeding)
10. Marin Cernea, Bogdan Stefan Vasile, **Ioana Veronica Ciuchi**, Alin Iuga, Elvira Alexandrescu, Jana Pinteau, and Carmen Galassi, Synthesis, structural and electrical properties of BNT-BTCe@SiO<sub>2</sub> core-shell heterostructure, Science of Advanced Materials, 2015, (IF:1.812)
11. Stanculescu, R.; **Ciuchi, I.**; Turcan, I.; Galizia, P.; Capieni, C.; Galassi, C.; Mitoseriu, L. Preparation and dielectric investigations of  $Ba_{0.60}Sr_{0.40}TiO_3$  ferroelectric ceramics with different degree of porosity, presenting, AIP CONFERENCE PROCEEDINGS, Electroceramics XIV conference, Bucharest, Romania, 1627, 2014,(Proceeding)
12. **Ciuchi I.V.**, Olariu C., Mitoseriu L., Determination of bone mineral volume fraction using Impedance spectroscopy and Effective medium approximations, Proceeding of the MiMe October 8-11, 2013 - Faenza, Italy, (1st International Conference on Materials in Medicine), (Proceeding)
13. **Ioana Veronica Ciuchi**, Cristina Stefania Olariu, Liliana Mitoseriu, Determination of bone mineral volume fraction using impedance analysis and Bruggeman model, Journal of Materials Science and Engineering: B, 2013, (IF:2.331)
14. L. P. Curecheriu, M. T. Buscaglia, A. C. Ianculescu, R. C. Frunza, **I. V. Ciuchi**, A. Neagu, G. Apachitei, A. Bassano, G. Canu, P. Postolache, L. Mitoseriu and V Buscaglia, Magnetic and dielectric properties of  $Ba_{12}Fe_{28}Ti_{15}O_{84}$  layered ferrite ceramics, Journal of Physics D: Applied Physics, Volume 44, Number 43, 2011, (IF: 2.40)
15. **I. V. Ciuchi**, L. P. Curecheriu, C. E. Ciomaga, A. V. Sandu, L. Mitoseriu, Impedance Spectroscopy characterization of bone tissues, Jurnal of Advanced Research in Physics, 2010
16. A. M. Neagu, **I. V. Ciuchi**, L. P. Curecheriu, L. Mitoseriu, Impedance spectroscopy characterization of collagen sample, Jurnal of Advanced Research in Physics, 2010

## b. National Journals

17. A. M. Neagu, G. Apachitei, **I. V. Ciuchi**, L. P. Curecheriu, A. V. Sandu, Impedance spectroscopy characterization of collagen samples, Revista Științifică "V. Adamache", 2010
18. **I. V. Ciuchi**, L. P. Curecheriu, L. Mitoseriu, Studiul proprietăților feroelectrice ale filmelor de PZT utilizând kitul Radiant EDU, Revista Științifică "V. Adamache", 2009
19. **I. V. Ciuchi**, E. V. Gafton, C. Antochi, L. I. Anița, Studiul pârgurilor- aspecte metodice ale predării la clasa a VII-a, Revista Științifică "V. Adamache", 2009

## IV) CONFERENCE PRESENTATIONS:

### a) International Conferences

1. **I. V. Ciuchi**, C. Capieni, L. Mitoseriu and C. Galassi, Composition-dependent dielectric and energy-storage properties of  $Pb_{1-x}La_x(Zr_{0.9}Ti_{0.1})_{1-x}O_3$  ceramics, Ceramics for Energy, June 2017, Faenza, Italy, (Oral)
2. **I. V. Ciuchi**, L. Mitoseriu, and C. Galassi, PLZT x/90/10 ceramics for energy storage, Piezo 2017-Electroceramics for End Users IX, Madrid (Spain), February 2017, (Oral)

3. Alexandra Neagu, Ioana Veronica Ciuchi, Liliana Mitoseriu, Carmen Galassi, Cheuk-Wai Tai, Study of ferroelectric-antiferroelectric phase coexistence in La-doped PZT ceramics, The 16th European Microscopy Congress, 2016,( Poster)  
(<http://emc-proceedings.com/abstract/study-of-ferroelectric-antiferroelectric-phase-coexistence-in-la-doped-pzt-ceramics/>)
4. **I.V.Ciuchi**, J.E. Guerrier, C. Chung, L. Mitoseriu, J.L. Jones and C.Galassi, *Diffuse Phase transitions and Curie Weiss behavior of (Pb1-xLax)(Zr0.90Ti0.10)1-x/4O3(0.02 ≤ x ≤ 0.04) ceramics*, 1st Research Triangle Nanotechnology Network Research Symposium, Raleigh, US, 2016 (Oral)
5. **I.V.Ciuchi**, F.Craciun, M.Deluca, L. Mitoseriu and C.Galassi, *Phase transitions and Curie Weiss behaviour in La3+ doped PZT 90/10 ceramics with compositions across the antiferroelectric/ferroelectric phase boundary*, 13<sup>th</sup> European Meeting on Ferroelectricity, Porto, Portugal, July 2015 ( Oral )
6. R. Pullar, **I.V.Ciuchi**, P. Galizia and C.Galassi, *Novel TiO2-doped semiconducting hexagonal ferrites*, 13th European Meeting on Ferroelectricity, Porto, Portugal, July 2015 ( Poster )
7. **I.V.Ciuchi**, F. Craciun, L. Mitoseriu, C. Galassi, Temperature dependence of dielectric, piezoelectric and elastic properties of La-doped PZT 90/10 across ferroelectric-antiferroelectric boundary, International Conference European Ceramic Society, Toledo, Spain, June 2015 (poster)
8. **Ioana Veronica Ciuchi**, Liliana Mitoseriu, Carmen Galassi, *PLZT Based Antiferroelectric Plate Capacitors with High Energy Storage Density*, *Ceramics For Energy*, Faenza, Italy, May 2015 (poster)
9. **I.V.Ciuchi**, P. Galizia, L. Mitoseriu, C. Galassi, *Magnetic and dielectric properties of cobalt ferrite/titania composites*, Magnet, Bologna, Italy, February 2015 (poster)
10. **I.V.Ciuchi**, F. Craciun, L. Mitoseriu, C. Galassi, *Dielectric Properties of La3+ doped PZT Ceramics across the antiferroelectric/ferroelectric phase boundary*, *PIEZO-Electroceramics for End-Users VIII conference*, Maribor, Slovenia, January 2015 (oral)
11. Galizia Pietro, Baldisserri Carlo, **Ciuchi Ioana**, Galassi Carmen, *Investigation of new magneto-dielectric titania-cobalt ferrite composites*, *E-MRS Fall Meeting*, Warsaw, September 2014 (Oral)
12. **I.V.Ciuchi**, F. Craciun, C. Galassi, L. Mitoseriu, *Piezoelectric Properties of La3+ doped PZT Ceramics across the antiferroelectric/ ferroelectric phase boundary*, *European Conference on Application of Polar Dielectrics*, July, Vilnius 2014 (Poster)
13. **Ioana Veronica Ciuchi**, Marin Cernea, Bogdan Stefan Vasile, Roxana Trusca, Carmen Galassi, *Synthesis and dielectric properties of one-dimensional BNT-BTCe@SiO2 core-shell heterostructures*, *Electroceramics XIV Conference*, June 2014, Bucharest (Oral)
14. **I.V.Ciuchi**, F. Craciun, C. Galassi, L. Mitoseriu, *Lanthanum Dependence of Piezoelectric Properties of PLZT Ceramics with Zr/Ti Ratio of 90/10*, *Electroceramics XIV Conference*, June 2014, Bucharest (Poster)
15. R. Stanculescu, **I. Ciuchi**, I. Turcan, P. Galizia, C. Capiani, C. Galassi and L. Mitoseriu, *Preparation and dielectric investigations of Ba0.60Sr0.40TiO3 ferroelectric ceramics with different degree of porosity*, *Electroceramics XIV Conference*, June 2014, Bucharest (Oral)
16. **Ioana Veronica Ciuchi**, Marin Cernea, Carmen Galassi, *Piezoelectric and Dielectric Characterization of BNT0.92 BT0.08 (5 mol% Ce doped), Coated with SiO2*, COST Action MP0904-Closing Conference, Genoa, January, 2014, (Poster)
17. R. Stanculescu, **I. Ciuchi**, I. Turcan, P. Galizia, C. Capiani, C. Galassi and L. Mitoseriu, *Microstructural and dielectric investigations of Ba0.60Sr0.40TiO3 ferroelectric ceramics with different degree of porosity*, COST Action MP0904-Closing Conference, Genoa, January, 2014, (Poster)
18. L. Stoleriu, L. Curecheriu, **I. Ciuchi**, C. Galassi, L. Mitoseriu, *FORC Investigation of Ferroelectric-Antiferroelectric Crossover in PLZT (x/90/10) Ceramics*, COST MP0904 Single- and multiphase ferroics and multiferroics with restricted geometries, (SIMUFER), January 2014 (Poster, Presenting Author)
19. R.E. Stanculescu, I. Turcan, **I. Ciuchi**, *INVESTIGATION OF THE ROLE OF POROSITY ON THE FUNCTIONAL PROPERTIES OF Ba1-xSrxTiO3 CERAMICS PRODUCED BY USING GRAPHITE FORMING AGENT*, "The Tenth Students' Meeting", SM-2013 PROCESSING AND APPLICATION OF CERAMICS, The Third Early Stage Researchers Workshop" COST MP0904 – SIMUFER, Novi Sad, Serbia, November 6-9, 2013 (oral)
20. **I.V. Ciuchi**, C. Galassi, L. Mitoseriu, *TEMPERATURE DEPENDENCE OF THE MAIN PIEZOELECTRIC PARAMETERS IN VERY SOFT, SOFT AND HARD PIEZOELECTRIC CERAMIC DISCS*, "The Tenth Students' Meeting", SM-2013 PROCESSING AND APPLICATION OF CERAMICS, The Third Early Stage Researchers Workshop" COST MP0904 – SIMUFER, Novi Sad, Serbia, November 6-9, 2013 (oral)
21. **Ciuchi I.V.**, Olariu C., Mitoseriu L., *Determination of bone mineral volume fraction using Impedance spectroscopy and Effective medium approximations*, *MiMe October 8-11, 2013 - Faenza, Italy, (1st International Conference on Materials in Medicine) ( Poster)*
22. Roxana Stanculescu, Ina Turcan, **Ioana Ciuchi**, *Preparation and functional properties of porous Ba0.6Sr0.4TiO3 ceramic*, A XLII-a Conferința Națională Fizica și Tehnologiile Educaționale Moderne, Iasi, Romania, October , 2013 (Oral)
23. Roxana Elena Stanculescu, Ina Turcan, **Ioana Ciuchi**, *Dielectric properties of ferroelectric porous Ba1-xSrxTiO3 solid solutions*, A XLII-a Conferința Națională Fizica și Tehnologiile Educaționale Moderne, Iasi, Romania, October , 2013 (Poster)
24. **I. V. Ciuchi**, C. S. Olariu, L. Mitoseriu, *Determination of the Compact Bone Mineral Volume Fraction by Dielectric Investigations*, The Ninth Students' Meeting SM, Novi Sad, Serbia ,November 2011 (Oral Presentation)
25. L.P.Curecheriu, **I.V.Ciuchi**, G.Apachitei, A.Neagu, M.T.Buscaglia, V.Buscaglia, P.Postolache, L.Mitoseriu, *Multifunctional properties of the layered quaternary ferrite Ba12Fe28Ti15O84*, 8th edition of IEEE ROMSC, Iasi, Romania, October , 2011 ( Poster)
26. **I. Ciuchi**, C. S. Olariu, L. Mitoseriu, *Determination of Compact Bone Inclusions Volume Fraction Using The Bruggeman Model*, 12<sup>th</sup> European Meeting of Ferroelectricity, Bordeaux, France , June 2011 ( Poster)



27. **I. Ciuchi**, A. M. Neagu, G. Apachitei, L. P. Curecheriu, *Impedance Spectroscopy Characterization of Biomaterials*, Advances in Applied Physics Materials Science Congress, Antalya, Turkey, May 2011( Poster)
28. L.P. Curecheriu, **I.V. Ciuchi**, G. Apachitei, A. Neagu, M.T. Buscalia, V. Buscalia, A. Ianculescu, P. Postolache, L. Mitoseriu, *Preparation and Functional Properties of Ba<sub>12</sub>Fe<sub>28</sub>Ti<sub>15</sub>O<sub>84</sub> Naturally Self-Assembled Layered System*, Advances in Applied Physics Materials Science Congress, Antalya, Turkey, May 2011 ( Poster)
29. **I. Ciuchi**, C. S. Olariu, L. Mitoseriu, *Determination of the filling factor in composites on the basis of complex dielectric data*, First Dedicated ESR Meeting of the COST MP0904 Action, Hasselt, Belgium, March, 2011, (Poster)
30. R. Frunza, **I.V. Ciuchi**, L.P.Curecheriu, A. Bassano, V. Buscaglia, L. Mitoseriu, *Functional Properties of Ba<sub>12</sub>Fe<sub>28</sub>Ti<sub>15</sub>O<sub>84</sub> Naturally Self-Assembled Layered System* European School on Multiferroics, L'Aquila, Italy, September, 2010, ( Poster)
31. L. P. Curecheriu, **I. Ciuchi**, A. Neagu, G. Apachitei, R. Frunza, V. Buscaglia, M.T. Buscaglia L. Mitoseriu, P.Nanni, *Preparation and characterisation of Ba<sub>12</sub>Fe<sub>28</sub>Ti<sub>15</sub>O<sub>84</sub> naturally self-assembled layered system*, Synthesis and Methodologies in Inorganic Chemistry, Bressanone, Italy, November 2010, ( Poster)
32. R.Frunza, **I.Ciuchi**, V. Buscaglia, A. Ianculescu, A. Bassano, L. P. Curecheriu, P. Postolache, R. Tanasa, L. Mitoseriu, *Preparation and properties of Ba<sub>12</sub>Fe<sub>28</sub>Ti<sub>15</sub>O<sub>84</sub> naturally self-assembled layered system*, Electroceramics X II, Trondheim, Norway, June 2010, ( Poster)
33. L. P. Curecheriu, A. Neagu, **I. Ciuchi** and L. Mitoseriu, *Impedance Spectroscopy characterization of biological tissues*, IEEE Magnetic Society Chapter Romania Section, Iasi, 2010 (Poster)
34. **I. V. Ciuchi**, A. Neagu, E. D. Creanga, I. Dumitru and L. Mitoseriu, *Anisotropic dielectric properties of wood and bone tissues*, IEEE Magnetic Society Chapter Romania Section, Iasi, 2010 (Poster)
35. F. Prihor, R. Frunza, **I. V. Ciuchi**, R. Apetrei, D. Luca, L Mitoseriu, *Characterization of PZT Thin Films prepared by RF magnetron Sputtering*, , IEEE Magnetic Society Chapter Romania Section, Iasi, 2009 (Poster)
36. L.P. Curecheriu, V. Buscalia, **I.V. Ciuchi**, L. Mitoseriu, *Size-effect of nonlinear properties of barium titanate ceramics*, IEEE Magnetic Society Chapter Romania Section, Iasi, 2009 (Poster)
37. F. Prihor, R. Frunzã, **I.V. Ciuchi**, R. Apetrei, D. Luca and L. Mitoseriu, *Characterization of PZT Thin Films prepared by RF magnetron Sputtering*, IEEE Magnetic Society Chapter Romania Section, Iasi, 2009 (Poster)
38. L. P. Curecheriu, R. C. Frunza, **I.V. Ciuchi**, P. Postolache, V. Buscalia, L. Mitoseriu, *Preparation and magnetic investigation for a new quaternary ferrite: Ba<sub>12</sub>Fe<sub>28</sub>Ti<sub>15</sub>O<sub>84</sub>*, PhD Students Workshop on Fundamental and Applied Research in Physics FarPhys, Iasi, 2009 (Oral)
39. R. Frunzã, F. Prihor, **I. V. Ciuchi**, R. Apetrei, D. Luca and L. Mitoseriu – *PZT thin films prepared by RF-magnetron Sputtering* PhD Students Workshop on Fundamental and Applied Research in Physics FarPhys, Iasi, 2009 (Poster)
40. **I.V. Ciuchi**, C. E. Ciomaga, A. V. Sandu, L. Mitoseriu, *Proprietăți dielectrice ale unor țesuturi osoase*, PhD Students Workshop on Fundamental and Applied Research in Physics FarPhys, Iasi, 2009 (Poster)

## b) National Conferences

41. **I.V.Ciuchi**, *Lead-free BNT-BT ceramics for electromechanical applications*, E.Cer.S. Conference, Italian National Contest, December, Parma, Italy, 2015 (oral)
42. **C. I. Veronica**, L. Mitoseriu, *Structural and dielectric properties of crab shell composite*, Iasi IEEE Student Branch, 2<sup>nd</sup> Edition Scientific Meeting, Iasi, Romania, December, 2011 ( Poster )
43. **I. V. Ciuchi**, L. Mitoseriu, *The Dielectric Anisotropy of Fagus Sylvatica Wood*, Iasi IEEE Student Branch, 2<sup>nd</sup> Edition Scientific Meeting, Iasi, Romania, December, 2011 ( Poster )
44. **C. I. Veronica**, L. Mitoseriu, *Determinarea Fractiei Volumice a Osului Compact Utilizând Date Dielectrice Complexe*, Sesiune de comunicări științifice studentești -FARPHYS 2011, Iasi, Romania, October, 2011 (Poster)
45. **I. Ciuchi**, C. S. Olariu, L. Mitoseriu, *Filling factor determination of a compact bone components using complex dielectric data*, Conferinta Nationala Fizica si Tehnologiile Educationale Moderne, Iasi, Romania, May, 2011 (Oral Presentation)
46. **I. Ciuchi**, L. P. Curecheriu, L. Mitoseriu, *Dielectric relaxation of crab shell composite*, Conferinta Nationala Fizica si Tehnologiile Educationale Moderne, Iasi, Romania, May, 2011 (Poster)
47. **I. Ciuchi**, L.P. Curecheriu, L. Mitoseriu, *The Dielectric Anisotropy of Wood*, Conferinta Nationala Fizica si Tehnologiile Educationale Moderne, Iasi, Romania, May, 2011 (Poster)
48. **I. Ciuchi**, L.P. Curecheriu, L. Mitoseriu, *Impedance spectroscopy characterization of coconut shell*, IEEE Student Branch Scientific Meeting, Iasi, Romania, 2010 (poster)
49. **I. Ciuchi**, C. S. Olariu, L. Mitoseriu, *Determination of compact bone inclusions volume fraction using the Bruggeman model*, IEEE Student Branch Scientific Meeting, Iasi, Romania, 2010 (Poster)
50. A. Neagu, G. Apachitei, **I.V. Ciuchi**, L.P. Curecheriu, P. Postolache, M.T. Buscaglia, V. Buscaglia, L. Mitoseriu, *Preparation and characterization of Ba<sub>12</sub>Fe<sub>28</sub>Ti<sub>15</sub>O<sub>84</sub> layered ferrite*, IEEE Student Branch Scientific Meeting, Iasi, Romania, December, 2010 (Poster)
51. **I.V. Ciuchi**, G. Apachitei, A. Neagu, L.P.Curecheriu, L. Mitoseriu, M.T. Buscaglia, V. Buscaglia, A. Ianculescu, *Preparation and characterisation of Ba<sub>12</sub>Fe<sub>28</sub>Ti<sub>15</sub>O<sub>84</sub> naturally self-assembled layered system*, Nanostructured Multifunctional Materials, Iasi, Romania, September, 2010 ( Poster)



- 52.** I.V. Ciuchi, L. P. Curecheriu, L. Mitoseriu, *Development of a didactic methodology for employing the Radiant EDU kit system in studying ferroelectricity*, Conferința Națională Fizica și Tehnologiile Educaționale Moderne , Iasi, Romania, May, 2010 (Oral)
- 53.** A. M. Neagu, G. Apachitei, I. Ciuchi and L. P. Curecheriu, *Impedance spectroscopy characterization of biomaterials*, Conferința Națională Fizica și Tehnologiile Educaționale Moderne , Iasi, Romania, May, 2010 (Poster)
- 54.** I. V. Ciuchi, L. P. Curecheriu, L. Mitoseriu, *Study of ferroelectric properties of PZT films with Radiant EDU kit*, Conferința Națională Fizica și Tehnologiile Educaționale Moderne, Iasi, Romania, May, 2009 (Poster)

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