

PERSONAL INFORMATION

**Felicia GHEORGHIU (before married PRIHOR)**



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-  [www.brainmap.ro](http://www.brainmap.ro) (U-1700-039H-2412); <https://orcid.org/0000-0002-9890-2867>

Sex F | Date of birth 11/04/1982 | Nationality Romanian

WORK EXPERIENCE

September 2022 - present

**Scientific Researcher III**

Department of Exact and Natural Science, Institute of Interdisciplinary Research, „Alexandru Ioan Cuza” University of Iasi, 700506, Iasi, Romania

- Fundamental research  
Research activity

February 2020 – September 2022

**Scientific Researcher III**

RAMTECH Centre, Sciences Department, Institute of Interdisciplinary Research, „Alexandru Ioan Cuza” University of Iasi, 700506, Iasi, Romania

- Fundamental research  
Research activity

October 2014 – February 2020

**Scientific Researcher**

RAMTECH Centre, Sciences Department, Institute of Interdisciplinary Research, „Alexandru Ioan Cuza” University of Iasi, 700506, Iasi, Romania

- Fundamental research  
Research activity

August 2010 – October 2014

**Assistant researcher/ Scientific Researcher**

“Dielectrics, ferroelectrics&multiferroics” Laboratory, Faculty of Physics, „Alexandru Ioan Cuza” University of Iasi, 700506, Iasi, Romania

- Research activities in the field of multifunctional and magnetoelectric single phase and composite materials, ferroelectrics materials.
- Research activity in the frame of different research projects

July 2006 – February 2007

**Assistant researcher (during Master degree studies)**

National Institute of Research & Development for Technical Physics (NIRDTP), Iasi, Romania

- Research activities in the field of thin films
- Research activity

February 2006 - July 2006

**Technician (during Bachelor and Master degree studies)**

National Institute of Research & Development for Technical Physics (NIRDTP), Iasi, Romania

- Research activities in the field of thin films
- Research activity

EDUCATION AND TRAINING

- 2008-2011 **Ph. D in Physics**  
 Faculty of Physics , „Alexandru Ioan Cuza” University of Iasi, 700506, Iasi, Romania
  - "Study of the electrical and magnetic properties of single phase and composite multiferroic systems " (coordinator prof. dr. L. Mitoseriu) – First level: very good qualification
  
- 2006-2008 **Master Degree**  
 Specialization “Advanced Materials Physics. Nanotechnologies “, Faculty of Physics, „Alexandru Ioan Cuza” University of Iasi, 700506, Iasi, Romania
  - *Study of multiferroics materials with magnetoelectric coupling* (coordinator prof. dr. L. Mitoseriu)
  
- 2001-2006 **Bachelor degree in Physics, Engineer diploma**  
 Faculty of Physics, Specialization Technological Physics , „Alexandru Ioan Cuza” University of Iasi, 700506, Iasi, Romania

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

|         | UNDERSTANDING |         | SPEAKING           |                   | WRITING |
|---------|---------------|---------|--------------------|-------------------|---------|
|         | Listening     | Reading | Spoken interaction | Spoken production |         |
| English | C1            | C1      | C1                 | C1                | C1      |
| German  | A2            | A2      | A2                 | A2                | A1      |

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
Common European Framework of Reference for Languages

Communication skills ▪ good communication skills gained through my experience as researcher in national and international labs, ability to establish and maintain good working relation in all working groups where I have worked.

Organisational / managerial skills

- **Experience in management of national research grants:**
  - **Project Manager grant GI-2014-04 (2014-2015)** uaic internal grant competition;
  - **Member in 9 national research grants:** 2022-2024 PN-III-P1-1.1-TE-2021-0265 (PL: CSIII dr. G. Bulai); 2015 - 2017 PN-II-ID-JRP-2014 -RO-FR-0013 bi-lateral project (PL: CSII dr. S. Tascu); 2014-2016 PNII-PT-PCCA-2013-4-1119 (Project leader (PL): prof.dr. L. Mitoseriu), 2012-2015 PNII-PCCE-2-2011-0006 (PL: dr. L. Pintilie); 2012-2015 PN-II-ID-PCE-2011-3-0745 (PL: prof.dr. L. Mitoseriu); 2010-2013 PN II–RU TE 187 (PL: CSII dr. Cristina Elena Ciomaga); 2006-2008 CEEX-FEROCER (PL: prof.dr. A. Ianculescu); Bilateral Project Romania-Slovenia, no. 536/2012 (PL: prof.dr. L. Mitoseriu); Bilateral Project Romania - Italia no. 643/1.01.2013 (PL: prof.dr. L. Mitoseriu).
  
- **Organizer member of over 4 international conferences;**
- **Involvement in Eu Framework Programme for Research and Innovation projects** (collaborator member in FP7 STAGES - Structural Transformation to Achieve Gender Balance Project; <http://www.stages.csmcd.ro/>) (2013-2015).
- **Member of the competition commissions in order to occupy a research position.**
- **Member of the doctoral committee** (advice).

|                    |   |
|--------------------|---|
| Job-related skills | Well skilled for laboratory activities: <ul style="list-style-type: none"> <li>- Physics laboratory: structural and microstructural analysis; dielectric measurements at low and high frequency; magnetic characterization.</li> <li>- Chemistry laboratory: preparation of ceramics materials using solid state reaction and of powders by hydrothermal method</li> </ul>  |
| Digital competence | - Good command of Office tools;<br>- Good command of Origin;  |
| Other skills       | - <b>Member of IEEE (2008-2011); Member of UAIC 'Network of Women in Academics and Research'</b><br><b>Other specialization:</b><br>International Association of Advanced Materials (IAAM)<br>1. <b>May 2019</b> - Participation at the training course for Horizont 2020: <b>"How to write a successful Horizon 2020 project"</b> , organized by "Alexandru Ioan Cuza" University of Iasi in the frame of Program 1 – Development of the national RD system, Subprogram 1.2 – Institutional Performance – RDI excellence funding projects, Contract no.34PFE/19.10.2018<br>2. <b>November 2017</b> - Participation with Diploma at the online webex: <b>"Web of Science Core Collection for beginners"</b> , organized by Clarivate Analytics.<br>3. <b>December 2015</b> - Training course for Horizont 2020: <b>"Gender budgeting training"</b> , in frame of european project FP7-SCIENCE-IN-SOCIETY 2011-1, STAGES, „Structural Transformation to Achieve Gender Equality in Science” SiS.2011.2.1.1.-1. |

#### ADDITIONAL INFORMATION

|                    |  |
|--------------------|--|
| Publications       | ✓ <b>31 scientific papers (19 as first / corresponding author): 27 ISI papers with an Individual ISI score=10.89, Hirsh- factor h=13 (according to WoS, Scopus sites) and 4 articles</b> published in non-ISI national journals;   |
| Presentations      | ✓ <b>more than 482 citations in ISI journals without self citation (according to WoS site);</b>  |
| Projects           | ✓ <b>1 national patents with ISI index;</b>  |
| Conferences        | ✓ <b>over 67 presentations (orals and posters) at international conferences;</b>   |
| Seminars           | ✓ <b>Guest Editor</b> for special Issue for Materials journal (IF=3.748);  |
| Honours and awards | ✓ <b>Reviewer in more than 7 ISI international journals</b> , as: J. Alloys Compd., J. Mater. Sci., Process. Appl. Ceram., J. Electron. Mater., Phase Transit., J. Appl. Phys., Mater. Sci. Eng. B etc.  |
| Memberships        | ✓ <b>International award:</b>  |
| References         | - <b>2008- Lot Oriel &amp; Hamamatsu Prize</b> awarded for the contribution "Functional properties of the (1-x)BiFeO <sub>3</sub> -xBaTiO <sub>3</sub> solid solutions", by Felicia Prihor, et.al, as one of the six best works of the 9th European Conference on Applications of Polar Dielectrics, Roma, Italia.   |
| Citations          | ✓ <b>National awards:</b>  |
| Courses            | - <b>2013 - Women's Annual Science and Technology Distinction for Young Researcher</b> award by "Al. I. Cuza" Univ. of Iasi, STAGES programme and Center for Gender Equality in Science.   |
| Certifications     | - <b>2011 - the prize of excellence research center CARPATH</b> for the paper „Non-linear dielectric properties of BiFeO <sub>3</sub> ceramics", published in Appl. Phys. Lett. 99, 172904.<br>- <b>2009- mention for the work paper</b> "PZT thin films prepared by RF-magnetron sputtering", by Raluca Frunza, Felicia Prihor, Ioana Veronica Ciuchi, Radu Apetrei, Dumitru Luca and Liliana Mitoseriu, at National Conference "Fizică și Tehnologiile Educaționale Moderne", poster section, Iași, give by Univ. "Al. I. Cuza", Faculty of Physics, 2009<br>- <b>2008-II<sup>nd</sup> prize</b> for the group papers „Magnetic characteristics of multiferroic BiFeO <sub>3</sub> – based solid solutions" and "Preparation and functional properties of multiferroic BiFeO <sub>3</sub> - based solid solutions" at National Conference "Fizică și Tehnologiile Educaționale Moderne", section "Cercuri Științifice Studentești", Iași, give by Univ. "Al. I. Cuza", Faculty of Physics, 2008; |
|                    | ✓ <b>Certifications:</b>   |
|                    | 1. Participation with Diploma at the training school: „ <i>Nanostructured oxides: from laboratory research to industrial applications</i> ", Institute of Energetics & Interphases IENI – CNR Genoa, Italia, march 2012;<br>2. Participation with Diploma at the training school: " <i>Characterization of materials</i> " JSI, Ljubljana, Slovenia, January 2013;   |

Research stages in laboratories  
from other countries

**Research stages:**

- **March 2010–August 2010: research stage** at the Univ. of Genoa (supervisor Prof. Paolo Nanni), and Institute of Energetics and Interphases IENI-CNR Genoa, Italia (supervisor Dr. Vincenzo Buscaglia) for 6 months under the project POSDRU - 6/1.5/S/25 for the preparation by hydrothermal synthesis of Bi-based multiferroics;
- **May 2-28, 2011, Short Term Scientific Mission (STSM) research stage** under COST SIMUFER MP0904 to the Univ. of Genoa and IENI-CNR Genoa, Italia (4 weeks), for preparation of various micro/nanostructures with particular shapes and sizes of BiFeO<sub>3</sub> and Bi<sub>2</sub>Fe<sub>4</sub>O<sub>9</sub> multiferroics.

ANNEXES <https://www.brainmap.ro/> (ID code: U-1700-039H-2412)