

## **1. Personal Information:**

**Name and surname:** Felicia GHEORGHIU

**Date and place of birth:** 11 April 1982, Iasi, Romania

**Present academic position:** Scientific Researcher, RAMTECH Center, Science Department

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## **2. Education:**

**2008-2011** PhD in Physics at Faculty of Physics, “Alexandru Ioan Cuza” University of Iasi, Romania

**2006-2008** Master Sc. degree in Physics, Faculty of Physics, “Alexandru Ioan Cuza” University of Iasi, Romania (exam with score 9.93/10)

**2001-2006** Bachelor degree in Physics, Technological Physics (Engineer Diploma, exam with score 9.70/10), Faculty of Physics, “Alexandru Ioan Cuza” University of Iasi, Romania

## **3. Selected, peer-reviewed research work:**

1. **Felicia Gheorghiu**, Mihai Calugaru, Adelina Ianculescu, Valentina Musteata and Liliana Mitoseriu, Preparation and functional characterization of BiFeO<sub>3</sub> ceramics: a comparative study of the dielectric properties, Solid State Sciences, Solid State Sciences 23 (2013) 79-87

2. **Felicia Gheorghiu**, Lavinia Curecheriu, Adelina Ianculescu, Mihai Calugaru and Liliana Mitoseriu, Tunable dielectric characteristics of Mn-doped BiFeO<sub>3</sub> multiferroic ceramics, Scripta Materialia Volume 68, Issue 5, March 2013, Pages 305–308

3. **Felicia Gheorghiu**, Radu Tanasa, Maria Teresa Buscaglia, Vincenzo Buscaglia, Cristina G. Pastravanu, Eveline Popovici and Liliana Mitoseriu, Preparation of Bi<sub>2</sub>Fe<sub>4</sub>O<sub>9</sub> particles by hydrothermal synthesis and functional properties, Phase Transit 86 (7), 726-736 (2013)

4. Lavinia Curecheriu, **Felicia Gheorghiu**, Adelina Ianculescu, Liliana Mitoseriu, Non-linear dielectric properties of BiFeO<sub>3</sub> ceramics, Appl. Phys. Lett. 99, (2011) 172904

5. Raluca Frunza, Dan Ricinschi, **Felicia Gheorghiu**, Radu Apetrei, Dumitru Luca, Liliana Mitoseriu, Masanori Okuyama, Preparation and characterisation of PZT films by RF-magnetron sputtering, J. Alloys Compd. 509 (2011) 6242–6246

6. Adelina Ianculescu, **Felicia Prihor Gheorghiu**, Petronel Postolache, Ovidiu Oprea, Liliana Mitoseriu, The role of doping on the structural and functional properties of BiFe<sub>1-x</sub>Mn<sub>x</sub>O<sub>3</sub> magnetoelectric ceramics, Journal of Alloys and Compounds 504(2010) 420–426

7. **Felicia Prihor Gheorghiu**, Adelina Ianculescu, Petronel Postolache, Nicoleta Lupu, Marius Dobromir, Dumitru Luca, Liliana Mitoseriu, Preparation and properties of (1-x)BiFeO<sub>3-x</sub>BaTiO<sub>3</sub> multiferroic ceramics, J. Alloys Compd. 506 (2010) 862–867

8. Cristina E. Ciomaga, Carmen Galassi, **Felicia Prihor**, Ionut Dumitru, Liliana Mitoseriu, Alrxandra R. Iordan, Mirela Airimioaei, Mircea N. Palamaru, Preparation and properties of the CoFe<sub>2</sub>O<sub>4</sub>-Nb-Pb(Zr,Ti)O<sub>3</sub> multiferroic composites prepared in situ by gel-combustion method, J. Alloys Compd. 485 (2009) 372–378

9. Liliana Mitoseriu, Cristina E. Ciomaga, Ionut Dumitru, Lavinia P. Curecheriu, **Felicia Prihor** and Alexandra Guzu, Study of the frequency-dependence of the complex permittivity in Ba(Zr, Ti)O<sub>3</sub> ceramics: evidences of the grain boundary phenomena, Journal of Optoelectronics and Advanced Materials, Vol. 10, Iss. 7, p. 1843-1846, 2008

## **4. Research interests:**

Study of the electrical and magnetic properties of single phase and composite multiferroic systems; Preparation of innovative materials for different electronics applications.

**C.S. Felicia GHEORGHIU**