



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) Neagu / Maria
Address(es) Piața Voievozilor, No. 23, Bloc A13, Ap. 12, 700587 Iași, Romania
Telephone(s) +40232201199 Mobile:
Fax(es) +40232201150
E-mail mneagu@uaic.ro
Nationality Romanian
Date of birth 20.02.1949
Gender female

Work experience

Dates **2007**
Occupation or position held Professor
Main activities and responsibilities Teaching, Research
Name and address of employer Faculty of Physics, "Al. I. Cuza" University of Iasi, 11 Carol I Bd., 700506 Iași, Romania, <http://www.uaic.ro>
Type of business or sector Higher Education Institution

Dates **2002-2007**
Occupation or position held Assoc. Professor
Main activities and responsibilities Teaching, Research
Name and address of employer Faculty of Physics, "Al. I. Cuza" University of Iasi, 11 Carol I Bd., 700506 Iași, Romania, <http://www.uaic.ro>
Type of business or sector Higher Education Institution

Dates **2001-2002**
Occupation or position held Lecturer
Main activities and responsibilities Teaching, Research
Name and address of employer Faculty of Physics, "Al. I. Cuza" University of Iasi, 11 Carol I Bd., 700506 Iași, Romania, <http://www.uaic.ro>
Type of business or sector Higher Education Institution

Dates **1973-2001**
Occupation or position held Principal Researcher 1 and Head of Magnetic Materials and Devices Department / Principal Researcher 2 / Principal Researcher 3 / Principal Researcher / Physicist
Main activities and responsibilities Research
Name and address of employer National Institute of Research and Development for Technical Physics, Iasi, 47 Mangeron Bd., 700050 Iasi, Romania, <http://www.phys-iasi.ro>
Type of business or sector National Research Institute

Education and training

Dates **1987-1995**

1.03 2021

Title of qualification awarded PhD degree
 Doctoral thesis title: The study of magnetic materials for use in the preparation of low frequency magnetostrictive transducers

Principal subjects/occupational skills covered Magnetism, Magnetic Materials and Devices

Name and type of organisation providing education and training Faculty of Physics, "Al. I. Cuza" University of Iasi, 11 Carol I Bd., 700506 Iasi, Romania, <http://www.uaic.ro>

Level in national or international classification PhD studies

Dates **1972-1973**

Title of qualification awarded MSc degree

Principal subjects/occupational skills covered Optics, Spectroscopy, Lasers

Name and type of organisation providing education and training Faculty of Physics, "Al. I. Cuza" University of Iasi, 11 Carol I Bd., 700506 Iasi, Romania

Level in national or international classification MSc studies

Dates **1968-1972**

Title of qualification awarded BSc degree

Principal subjects/occupational skills covered Physics, Mathematics, Chemistry

Name and type of organisation providing education and training Faculty of Physics, "Al. I. Cuza" University of Iasi, 11 Carol I Bd., 700506 Iasi, Romania

Level in national or international classification BSc studies

Personal skills and competences

Mother tongue(s) Romanian

Other language(s)

Self-assessment

European level (*)

English

| Understanding | | Speaking | | Writing |
|---------------------|---------------------|---------------------|---------------------|---------------------|
| Listening | Reading | Spoken interaction | Spoken production | |
| B2 Independent user | B2 Independent user | B2 Independent user | B2 Independent user | B2 Independent user |

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

Communication skills Communication skills acquired through participation in conferences and professional experience

Organisational skills Coordination of research teams

Additional information

Academic recognition

- *Evaluator for CNCSIS projects*
- *Reviewer for the following international journals: Sensors and Actuators A, IEEE Transactions on Magnetics, Journal of Magnetism and Magnetic Materials*
- *Member of European Physical Society, Romanian Physical Society*
- *Chairman of the Organizing Committee of the Romanian-French Summer School "Physics and chemistry of the atmosphere: from laboratory experiments to field campaigns" 2006, "Al. I. Cuza" University of Iasi, Romania*

Teaching activities *Courses delivered:* Optics; Optics and Spectroscopy; Non-Destructive Physical Methods for Measurement and Control; Surface Analysis Methods.
 Published books: **2**

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| Scientific research activity | <ul style="list-style-type: none"> • <i>Field(s) of expertise:</i> Optics; Magneto-optics; Ellipsometry; Magnetic Materials and Devices; Magneto-elastic effects • <i>Scientific grant:</i> 8 • <i>ISI Published Papers:</i> 69 |
| Developed research direction | Amorphous magnetic materials / nanocrystalline: magnetic properties / magnetoelastics / magneto-optics; applications. |
| Computer skills and competences | Using the computer in the current activity. |
| Annexes | ISI published papers. Published books. |

ISI Published Papers

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| 1 | “Annealing influence on the structural and magnetic properties of Fe _{73.5} Cu ₁ Nb ₃ Si _{13.5} B ₉ powders” L. Budeanu, H. Chiriac, N. Lupu, Maria Neagu , F. Borza <i>Romanian Reports in Physics</i> , vol. 68, nr. 2, pp. 623-629 (2016) |
| 2 | “Fe _{73.5} Cu ₁ Nb ₃ Si _{15.5} B ₇ Thin Films Deposited by HiPIMS: Magnetic and Magnetostrictive Behavior” I.L. Velicu; Maria Neagu , V. Tiron <i>Journal of Superconductivity and Novel Magnetism</i> , vol.28, nr. 3, pp. 1035-1039 (2015) |
| 3 | „Fe _{73.5} Cu ₁ Nb ₃ Si _{15.5} B ₇ powders prepared by mechanical grinding: structural and magnetic properties” L. Budeanu, Maria Neagu , N. Lupu, H. Chiriac, I.-L. Velicu <i>Optoelectronic and Advanced Materials – Rapid Communications</i> , vol. 9, nr. 9-10, pp. 1164-1166 (2015) |
| 4 | „Nanomechanical characterization of amorphous and nanocrystalline FeCuNbSiB thin films” I. L. Velicu, Maria Neagu , L. Costinescu, V. Tiron, D. Munteanu <i>Applied Surface Science</i> , vol. 352, pp. 5 - 9 (2015). |
| 5 | “Analyzing the development of N-doped TiO ₂ thin films deposited by RF magnetron sputtering” M. Dobromir, A. V. Manole, V. Nica, R. Apetrei, Maria Neagu , D. Luca <i>Sensors Letters</i> , vol. 11, nr. 4, pp. 675-678 (2013) |
| 6 | “Characterization of doped TiO ₂ thin films obtained by pulsed laser deposition” M. Dobromir, A.-V. Manole, L. Ursu, C. Ursu, Maria Neagu , D. Luca <i>Optoelectronics and Advanced Materials - Rapid Communications</i> , Vol. 7, No. 5-6, pp: 397-401 (2013) |
| 7 | “FINEMET-type thin films deposited by HiPIMS: influence of growth and annealing conditions on the magnetic behaviour” I.L. Velicu, M. Kowalczyk, Maria Neagu , V. Tiron, H. Chiriac, J. Ferenc, <i>Materials Science & Engineering B</i> , vol. 178, nr. 19, pp.1329-1333 (2013) |
| 8 | “Nanomechanical Properties of Amorphous FeCuNbSiB Thin Films Deposited by HiPIMS” I. L. Velicu, Maria Neagu , L. Costinescu, D. Munteanu, E. P. Koumoulos, C. A. Charitidis <i>Sensors Letters</i> , vol. 11, nr. 10 pp. 1925-1930 (2013) |
| 9 | “Structural, Magnetic and Magnetoelastic Behaviour of FeCuNbSiB Thin Films” I.L.Velicu, Maria Neagu , M. Dobromir, D.Luca, N. Lupu, H. Chiriac, F. Borza, <i>Sensor Letters</i> , Vol. 10, nr. 3-4, nr. 3-4, pp. 902-905 (2012). |
| 10 | “Structural and Magnetic Properties of FeCuNbSiB Thin Films Deposited by HiPIMS” I.L. Velicu, Maria Neagu , H. Chiriac, V. Tiron, M. Dobromir, <i>IEEE Transactions on Magnetics</i> , vol. 48, nr. 4, 1336-1339 (2012) |
| 11 | “Ellipsometric investigation of Fe-based amorphous thin films” M. Dobromir, Maria Neagu , H. Chiriac, C. Agheorghiesei, A. Bulai, L. Velicu <i>Optoelectronics and Advanced Materials - Rapid Communications</i> , Vol. 4, No. 11, 1667-1669, (2010). |
| 12 | „Permalloy thin films obtained by pulsed laser deposition: magnetic and galvanomagnetic behaviour, Maria Neagu , M. Lozovan, M. Dobromir, L. Velicu, C. Hison, S. Stratulat <i>J. Optoelectronic Adv. Materials</i> , vol. 10, nr. 3, pp. 632-634 (2008) |
| 13 | “Magnetic properties of Fe-based amorphous thin films”, M. Dobromir, Maria Neagu , V. Pohoata, F. Borza, T. Meydan, T. A. Ovari, G. Popa, H. Chiriac <i>J. Optoelectronic Adv. Materials</i> vol. 10, nr. 2, pp. 410-412 (2008) |
| 14 | “Hall effect and magnetoresistance of Co _{68.25-x} Fe _{4.5} Si _{12.25} B ₁₅ Mo _x alloys”, M. Lozovan, H. Chiriac, Maria Neagu , S. Mohorianu, V. Dobrea, <i>J. Optoelectronic Adv. Materials</i> vol. 10, nr. 11, pp. 2913-2915 (2008) |
| 15 | “Surface and Bulk Magnetic Behavior of Fe-Si-B Amorphous Thin Films” M. Dobromir, Maria Neagu , G. Popa, H. Chiriac, V. Pohoatã, C. Hison <i>J. Magn. Magn. Mater.</i> ,vol. 316, pp. e904-e907 (2007) |
| 16 | “Optical and Magneto-optical Studies of Fe-Cu-Nb-Si-B Amorphous Thin Films Deposited by Pulsed Laser Ablation” Maria Neagu , M. Dobromir, G. Popa, H. Chiriac, Gh. Singurel, C. Hison, N. Apetroaiei <i>J. Optoelectronic Adv. Materials</i> , vol.8, nr.5, pp.1755-1757 (2006) |
| 17 | “Surface Magnetic Characterization of Fe-rich Amorphous Ribbons” M. Dobromir, Maria Neagu , H. Chiriac <i>J. Optoelectronic Adv. Materials</i> , vol. 8, nr.5, pp. 1752-1754 (2006) |
| 18 | “New 2D Fluxgate Devices based on the Phase Modulation of Magnetization Rotation in AMR films” J. Petrou, P. D. Dimitropoulos, E. Hristoforou, Maria Neagu <i>Sensors and Actuators A129</i> , pp. 107-111 (2006) |
| 19 | “The Surface Magnetism Investigation of FeSiB Amorphous Thin Films Obtained by Evaporation Technique” Maria Neagu , M. Dobromir, G. Popa, H. Chiriac, Gh. Singurel, C. Hison <i>Sensors and Actuators A129</i> , pp. 172-175 (2006) |
| 20 | “Nanocrystalline Fe ₈₇ Zr ₇ Al ₂ B ₃ Cu ₁ Ribbons” C. Hison, H. Chiriac, N. Lupu, Maria Neagu <i>Sensors and Actuators A129</i> , pp. 45-49 (2006) |
| 21 | “Magnetic and Magnetoelastic Properties of Ni-Cu-Mn-Ti-Mo Alloys” |

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| | Maria Neagu , H. Chiriac, M. Lozovan, C. Hison <i>J. Magn. Magn. Mater.</i> , 272-276, pp. 2055-2057 (2004) |
| 22 | "Saturation Magnetostriction of Fe _{72.5-x} Co _x Si _{12.5} B ₁₅ Glass Covered Amorphous Wires" Maria Neagu , H. Chiriac, C. Hison <i>Sensors and Actuators A 115</i> , pp. 490-493 (2004) |
| 23 | "The Hall effect in Co ₇₂ Fe ₂ B ₁₇ Si ₅ Mn ₄ Amorphous Ribbons" M. Lozovan, Maria Neagu , C. Hison <i>J. Optoelectronic Adv. Materials</i> , vol. 6, nr.2, pp. 651-653 (2004) |
| 24 | "Galvanomagnetic and Magnetoelastic Behaviour of Amorphous and Nanocrystalline FeMCuNbSiB (M=Cr, Co) Ribbons" Maria Neagu , H. Chiriac, M. Lozovan <i>Sensors and Actuators A 106</i> , pp. 73-75 (2003) |
| 25 | "Saturation Magnetostriction of Co-rich Glass-Covered Amorphous Wires" Maria Neagu , H. Chiriac, M. Vazquez, F. Borza, T. A. Ovari <i>J. Magn. Magn. Mater.</i> , 254-255, pp. 472-474 (2003) |
| 26 | "Saturation Magnetostriction Measurement in Nearly Zero Magnetostrictive Co-rich Glass-Covered Amorphous Wires" H. Chiriac, Maria Neagu , M. Vazquez, E. Hristoforou <i>J. Magn. Magn. Mater.</i> , 242-245, pp. 251-253 (2002) |
| 27 | "Magnetoelastic Behavior in Co-based Glass-Covered Amorphous Wires" H. Chiriac, Maria Neagu , C. Hison <i>IEEE Trans. Magn.</i> , vol.38, nr. 5, pp. 2823-2825 (2002) |
| 28 | "Stress Dependence of the Saturation Magnetostriction in Co _{68.15} Fe _{4.35} Si _{12.5} B ₁₅ Glass-Covered Amorphous Wires" H. Chiriac, Maria Neagu , M. Vazquez, T.A. Ovari, E. Hristoforou, <i>J. Magn. Magn. Mater.</i> , 249, pp. 122-125, (2002) |
| 29 | "Force Measurements using Fe-rich Amorphous Wire as Magnetostrictive Delay Line" H. Chiriac, E. Hristoforou, Maria Neagu , F. Borza <i>Sensors and Actuators A91</i> , pp. 223-225 (2001) |
| 30 | "Non-destructive Evaluation Distribution Sensors Based on Magnetostrictive Delay Lines" E. Hristoforou, D. Niarchos, H. Chiriac, Maria Neagu <i>Sensors and Actuators A 92</i> , pp. 132-136 (2001) |
| 31 | "A Coily Magnetostrictive Delay Line Arrangement for Sensing Applications" E. Hristoforou, D. Niarchos, H. Chiriac, Maria Neagu <i>Sensors and Actuators A 91</i> , pp. 91-94 (2001) |
| 32 | "On the Domain Wall Propagation in Glass Covered Amorphous Wires" H. Chiriac, E. Hristoforou, Maria Neagu , I. Darie <i>Mater. Sci. Eng. A</i> , 304-306, pp. 1011-1013 (2001) |
| 33 | "Investigation of the Hall Effect in Low magnetostrictive Cobalt Based Amorphous Ribbons" H. Chiriac, M. Lozovan, Maria Neagu <i>Mater. Sci. Eng. A</i> , 304-306, pp. 1023-1025 (2001) |
| 34 | "Sound Velocity in Fe-rich Glass Covered Amorphous Wires" H. Chiriac, E. Hristoforou, Maria Neagu , I. Darie, A. E. Moga, <i>Journal of Non-Crystalline Solids</i> 287, pp. 413-416 (2001) |
| 35 | "Saturation Magnetostriction of (Fe _{100-x} Co _x) _{73.5} Cu ₁ Nb ₃ Si _{13.5} B ₉ Wires" Maria Neagu , H. Chiriac, E. Hristoforou, F. Borza, F. J. Castano <i>IEEE Trans. Magn.</i> , vol.37, nr. 4, pp. 2268-2270 (2001) |
| 36 | "Domain wall propagation in Fe-rich glass covered amorphous wires" Maria Neagu , H. Chiriac, E. Hristoforou, I. Darie, F. Vinai <i>J. Magn. Magn. Mater.</i> , 226-230, pp. 1516-1518 (2001) |
| 37 | "Linear variable differential transformer sensor using glass-covered amorphous wires as active core" H. Chiriac, E. Hristoforou, Maria Neagu , M. Pieptanariu <i>J. Magn. Magn. Mater.</i> , 215-216, pp. 759-761 (2000) |
| 38 | "Stress Dependence of Sound Velocity in Fe-based Amorphous Wires" H. Chiriac, E. Hristoforou, Maria Neagu , I. Darie, M. Vázquez, C. Hison <i>IEEE Trans. Magn.</i> , vol.36, nr.5, pp. 3436-3438 (2000) |
| 39 | "Correlation Between Hall Effect and Magnetostriction in Nanocrystalline Fe ₉₀ Hf ₇ B ₃ ribbons" H. Chiriac, M. Lozovan, Maria Neagu , C. Hison <i>J. Magn. Magn. Mater.</i> , 215-216, pp. 378-380 (2000) |
| 40 | "Inverse Wiedemann Effect in Glass-Covered Amorphous Wires" H. Chiriac, E. Hristoforou, Maria Neagu , F. Barariu, I. Darie, <i>Sensors and Actuators</i> , A81, pp. 147-149 (2000) |
| 41 | "Torsion and Magnetic Field Measurements using Inverse Wiedemann Effect in Glass-Covered Amorphous Wires" H. Chiriac, E. Hristoforou, Maria Neagu , I. Darie, C. Hison <i>Sensors and Actuators A 85</i> , pp. 217-220 (2000) |

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| 42 | “Linear Variable Differential Transformer Sensor using Fe-rich Amorphous Wires as Active Core” H. Chiriac, E. Hristoforou, Maria Neagu , M. Pieptanariu, F. J. Castano <i>J. Appl. Phys.</i> 87(9), pp. 5344-5346 (2000) |
| 43 | “Annealing Influence on Magnetic Behaviour of Nanocrystalline Fe-Hf-B based Ribbons” H. Chiriac, C. Hison, Maria Neagu <i>J. Optoelectronic Adv. Materials</i> , vol.2, nr.4, pp.407-410 (2000) |
| 44 | “D.C. Magnetic Field Measurements Based on the Inverse Wiedemann Effect in Fe-rich Glass Covered Amorphous Wires” H. Chiriac, E. Hristoforou, Maria Neagu , I. Darie, F. Barariu <i>IEEE Trans. Magn.</i> , vol.35, nr. 5, pp. 3625-3627 (1999) |
| 45 | “On the Saturation Magnetostriction in Low Magnetostrictive Co-rich Amorphous Wires” H. Chiriac, Maria Neagu , E. Hristoforou <i>Sensors and Actuators A76</i> , pp. 372-375 (1999) |
| 46 | “Fe-rich Glass Covered Amorphous Wires used as Magnetostrictive Delay Lines” H. Chiriac, E.Hristoforou, Maria Neagu , I. Darie <i>J. Magn. Magn. Mater.</i> , 196-197, pp. 365-366 (1999) |
| 47 | “Sensor Applications of Amorphous Glass-Covered Wires” H. Chiriac, C. S. Marinescu, T. A. Ovari, Maria Neagu <i>Sensors and Actuators A76</i> , pp. 208-212 (1999) |
| 48 | “Ni-Ag Thin Films as Strain-Sensitive Materials for Piezoresistive Sensor” H. Chiriac, M. Urse, F. Rusu, C. Hison, Maria Neagu <i>Sensors and Actuators A76</i> , pp. 376-380 (1999) |
| 49 | “New Self Excited Accelerometers Based on Magnetostrictive Delay Lines” E. Hristoforou, Maria Neagu , H. Chiriac <i>IEEE Trans. Magn.</i> , vol.35, nr.5, pp. 3622-3624 (1999) |
| 50 | “Improving the Magnetic Properties of Nanocrystalline Fe _{73.5} Cu ₁ Nb ₃ Si _{13.5} B ₉ by Heat Treatment of the Melt” H. Chiriac, M. Tomut, Maria Neagu <i>NanoStructured Materials vol.12</i> , pp. 851-854, (1999) |
| 51 | “Effect of Mo and Nb Additions on the Magnetic Properties of CoFeSiB Amorphous Wires” H. Chiriac, F. Barariu, Maria Neagu , F. Vinai, E. Ferrara, C. S. Marinescu <i>Journal of Non-Crystalline Solids</i> , 250-252, pp. 762-765 (1999) |
| 52 | “Torsion measurements using Inverse Wiedemann Effect in glass covered amorphous wires” H. Chiriac, E. Hristoforou, Maria Neagu , F. Barariu, T. A. Ovari <i>J. Appl. Physics</i> , 55(8), pp. 5729-5731 (1999) |
| 53 | “New Load Cells and Torque Meters based on Soft Magnetic Amorphous Alloy Wires” E. Hristoforou, H. Chiriac, Maria Neagu , I. Darie <i>Sensors and Actuators, A68</i> , pp. 307-315 (1998) |
| 54 | “An Alternative Method for Determining the $\lambda(H)$ Function in Magnetostrictive Amorphous Alloys” E. Hristoforou, H. Chiriac, Maria Neagu <i>Sensors and Actuators, A67</i> , pp. 49-54 (1998) |
| 55 | “New Arrangements of Magnetostrictive Delay Lines and Their Applications” E. Hristoforou, H. Chiriac, Maria Neagu , I. Darie <i>J. Phys. IV, France</i> , 8, pp. 809-812 (1998) |
| 56 | “Torsion and Stress Effects and Modelling in Positive Magnetostrictive Wires” E. Hristoforou, H. Chiriac, Maria Neagu <i>J. Phys. IV, France</i> , 8, pp. 813-816 (1998) |
| 57 | “Amorphous Wires Delay Lines used for Magnetic Field Measurements” H. Chiriac, E. Hristoforou, Maria Neagu , I. Darie, T. A. Ovari <i>IEEE Trans. Magn.</i> , vol. 33, nr. 5, pp. 4041-4043 (1997) |
| 58 | “Effect of Mn, Sn and Cr Additions on the Magnetic Properties of the Amorphous Glass-Covered Wires from the Fe-Si-B System” H. Chiriac, Gh. Pop, T. A. Ovari, F. Barariu, Maria Neagu , M. Vazquez, A. P. Zhukov <i>IEEE Trans. Mag.</i> , vol. 33, nr.5, pp. 3346-3348 (1997) |
| 59 | “Influence of Magnetic Field on the Response of FeSiB Wires Delay Lines” H. Chiriac, E. Hristoforou, Maria Neagu , I. Darie, F. Barariu, <i>J. Appl. Phys.</i> , 81(8), pp. 5814-5816 (1997) |
| 60 | “Pulse Effect on the Response of FeSiB Wire Delay Lines” H. Chiriac, E. Hristoforou, Maria Neagu , I. Darie, V. Nagacevschi <i>Mater. Sci. Eng. A</i> , 226-228, pp. 1093 –1097 (1997) |
| 61 | “A New Magnetic Field Sensor based on Magnetostrictive Delay Lines” E. Hristoforou, H. Chiriac, Maria Neagu <i>IEEE Trans. Instrum. Meas.</i> , vol.46, nr. 2, pp. 632-635 (1997) |
| 62 | “Improving the Magnetostrictive Delay Line Resolution” E. Hristoforou, C. Tsomokou, H. Chiriac, Maria Neagu , V. Nagacevschi |

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| | <i>Sensors and Actuators A59</i> , pp. 84-88 (1997) |
| 63 | “On the Calibration of Position Sensors Based on Magnetic Delay Lines” E. Hristoforou, H. Chiriac, Maria Neagu , V. Karayannis <i>Sensors and Actuators A59</i> , pp. 89-93 (1997) |
| 64 | “Torsional and Tensile Stress Dependence in Amorphous Magnetic Wires” H. Chiriac, E. Hristoforou, Maria Neagu , I. Darie, G. Lionis <i>Sensors and Actuators A59</i> , pp. 79-83 (1997) |
| 65 | “Dependence of the Sound Velocity in Fe _{77.5} Si _{7.5} B ₁₅ Amorphous Wires on the Magnetic Bias Field” H. Chiriac, E. Hristoforou, Maria Neagu , I. Darie, F. Barariu <i>J. Magn. Magn. Mater.</i> , 157/158, pp. 229-230 (1996) |
| 66 | “Amorphous Magnetic Wires used in Digitizers Based on Reflections in Delay Lines” E. Hristoforou, H. Chiriac, Maria Neagu <i>J. Magn. Magn. Mater.</i> , 157/158, pp. 451-452 (1996) |
| 67 | “Torsion and Stress in Amorphous Positive Magnetostrictive Wires” E. Hristoforou, H. Chiriac, Maria Neagu , I. Darie, T. A. Ovari, <i>IEEE Trans. Magn.</i> , vol.32, nr.5, pp. 4953-4955 (1996) |
| 68 | “Sound Velocity in Magnetostrictive Amorphous Ribbons and Wires” E. Hristoforou, H. Chiriac, Maria Neagu , I. Darie <i>J. Phys. D: Appl. Phys.</i> , 27(8), pp. 1595-1600 (1994). |
| 69 | “Pulse Width Effect on Magnetostrictive Amorphous Ribbons and Wires” E. Hristoforou, H. Chiriac, Maria Neagu <i>Phys. Stat. Sol. (a)</i> , 143(2), pp. 391-397 (1994) |

Published books

1. “Non-Destructive Methods for Measurement and Control of the Materials”, Author: Maria Neagu, Publisher: “Al. I. Cuza” University of Iași, 155 pages, 2003;
2. “Elipsometry. Magneto-optics”, Author: Maria Neagu, Publisher: Stef. Iași, 2007, 168 pages, ISBN 978-973-8961-97-5