



Curriculum Vitae Europass

Personal Information

Name , Surname	AGOP Maricel		
Address	Florilor Street no. 2, Iași, code 700514, Romania		
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E-mail	m.agop@yahoo.com		
Nationality	Romanian		
Date of Birth	05.09.1955		

Professional Experience

Period	1997 - present		
Position Held	Professor in Physics		
Main Activities and Responsibilities	Teaching and Research Activity Physics courses (classical and quantum mechanics, electricity and magnetism, laser physics, elementary particles, quantum mechanics, chaos and nonlinearity) at: - Faculty of Materials Science and Engineering - Faculty of Hydrotechnical Engineering, Geodesy and Environmental Engineering - Faculty of Mechanical Engineering.		
Name and Address of Employer	"Gheorghe Asachi" Technical University, Iași, Romania		
Type of Activity	University Teaching		
Period	1994 - 1997		
Occupation or Position Held	Associate Professor		
Main Activities and Responsibilities	Teaching and Research Activity		
Name and Address of Employer	"Gheorghe Asachi" Technical University, Iași, Romania		
Type of Activity	University Teaching		
Period	1990 - 1994		
Occupation or Position Held	Teaching Assistant		
Main Activities and Responsibilities	Teaching and Research Activity		
Name and Address of Employer	"Gheorghe Asachi" Technical University, Iași, Romania		
Type of Activity	University Teaching		
Period	1987 - 1990		
Occupation or Position Held	Associate Teaching Assistant		
Main Activities and Responsibilities	Teaching and Research Activity		
Name and Address of Employer	"Gheorghe Asachi" Technical University, Iași, Romania		
Type of Activity	University Teaching		

Education

Period	1981 - 1983		
Title of Qualification Awarded	Doctor in Physics (PhD)		
Domain of Expertise	Theoretical Physics		
Period	1975 - 1980		
Title of Qualification Awarded	Graduate in Physics (Physicist)		
Domain of Expertise	Theoretical Physics		

Additional Information	<p>PhD Coordinator for more than 31 PhD students</p> <p>Abroad Activity Research Activity at Lille University (France), May 2008, May 2009. Research Activity at Athens University (Greece), February 2008; NATO Research Grant at Athens University (Greece), Period: March-April 2000, September-October 2001, October - November 2003;</p> <p>Published Work More than 170 ISI indexed papers (118 in the last 10 years) More than 100 participations in national and international conferences. More than 30 books published at national and 16 at international publishers</p> <p>Scientific Research Grants Participation 4 Grants - Project Manager; 14 Grants – Member of Research Group</p> <p>Member of: European Physical Society The Japan Institute of Metals The New York Academy of Science American Association for the Advancement of Science</p> <p>Bibliometric indicators: - Hirsch index: 17 - Times cited without self-citations: 234</p>
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LIST OF PUBLICATIONS (in the last year)

1. Vizureanu, P., Cimpoesu, N., Radu, V., **Agop, M.**, Investigations on Thermal Conductivity of Carbon Nanotubes Reinforced Composites, *Experimental Heat Transfer*, 28, 1, 2015
2. Nedeff, V., Lazar, G., **Agop, M.**, et. al., Non-Linear Behaviours in Complex Fluid Dynamics via Non-Differentiability. Separation Control of The Solid Components From Heterogeneous Mixtures, *Powder Technology*, 269, 2015
3. Botez, I. C., **Agop, M.**, Order Disorder Transition in Nanostructures via Non-Differentiability, *Journal of Computational and Theoretical Nanoscience*, 12, 8, 2015.
4. Botez, I. C., Vrajitoriu, L., Rusu, C., **Agop, M.**, Interferential Behaviors in Nanostructures via Non-Differentiability, *Journal of Computational and Theoretical Nanoscience*, 12, 8, 2015.
5. **Agop, M.**, Botez, I. .C., Birlescu, V. S., On the Memorizing Ability of Nanostructures, *Journal of Computational and Theoretical Nanoscience*, 12, 4, 2015.
6. **Agop, M.**, Gavrilut, A., et. al., Implications of Non-Differentiable Entropy on a Space-Time Manifold, *Entropy*, 17, 4, 2015.
7. **Agop, M.**, Gavrilut, A., Rezu, E., Implications of Onicescu'S Informational Energy in Some Fundamental Physical Models, *International Journal of Modern Physics B*, 1550045, 2015.
8. Mazilu, N., **Agop, M.**, The Concept of Physical Surface in Nuclear Matter, *Modern Physics Letters A*, 1550026, 2015
9. Casian-Botez, I., **Agop, M.**, Coherence-Type Behaviours in Nanostructures, *Journal of Computational and Theoretical Nanoscience*, 12, 2, 2015
10. **Agop, M.**, Gavril, S.; Gavrilut, A., $Sl(2, R)$ Invariance of the Kepler Type Motions and Shannon Informational Entropy. Uncertainty Relations through the Constant Value of the Onicescu Informational Energy, *Reports on Mathematical Physics*, 75, 1, 2015
11. Gavrilut, A., **Agop, M.**, Approximation Theorems for Fuzzy Set Multifunctions in Vietoris Topology, *Iranian Journal of Fuzzy Systems*, 12, 1, 2015
12. **Agop, M.**, Casian-Botez, I., Theoretical Approach of Differentiable-Non-Differentiable Scale Transition in Nanostructures, *Journal of Computational and Theoretical Nanoscience*, 12, 9, 2015
13. **Agop, M.**, Gavrilut, A., Some Generalized Physical Models through Homographic Group, *Reports on Math. Physics*, 76, 2, 2015.
14. Nedeff, V., Lazar, G., **Agop, M.**, et. al., Solid Components Separation from Heterogeneous Mixtures through Turbulence Control, *Powder Technology*, 284, 2015.
15. Dimitriu, D. G., Irimiciuc, S. A., Popescu, S., **Agop, M.**, et. al., On the Interaction between two Fireballs in Low-Temperature Plasma, *Physics of Plasmas*, 113511, 2015
16. Gavrilut, A., **Agop, M.**, A Mathematical-Physical Approach on Regularity in Hit-and-Miss Hypertopologies for Fuzzy Set Multifunctions, *Mathematical Sciences*, 9, 4, 2015.