



## Ana-Maria ALBU

Associate Professor  
Faculty of Applied Chemistry and Materials Science

Department of Bioresources and Polymer Science

### Contact Details

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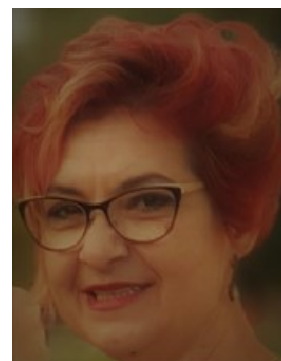
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### Biography

Date	Role
2003-	Associate Professor, Department of Bioresources and Polymer Science , Politehnica University of Bucharest
1998-2003	Senior Lecturer, Department of Organically Technologies and Macromolecular Compounds, Politehnica University of Bucharest
1994-1998	Assistant Professor, Department of Organically Technologies and Macromolecular Compounds, Politehnica University of Bucharest
1991-1994	Preparatory Department of Organically Technologies and Macromolecular Compounds, Politehnica University of Bucharest
1990-1991	Chemical engineer , Chemical Romanian Plants

### Research

#### Research Interests

- Macromolecular compounds synthesis
- Polymeric materials with non-conventional applications
- Organic synthesis,
- Smart materials
- Design and synthesis of the new materials architecture with specials and peculiars applications: optic, opto-electronic, micro-electronic, and photonic.

#### Selected Research Projects

- 2008-2012, *Macromolecular Materials with Bonded Chromophores*, CNCSIS IDEAS, Project PI
- 2005-2008, *Electronically and Optical Phenomena in Organic materials with Conjugated Bonds for Photonics " (ORGFOTON)*, CNCSIS CEEX, Project manager of UPB;
- 2005-2008, *Synthesis of Calcium Carbonate with Predetermined Properties, through Unconventional Methods*, CNCSIS CEEX, Project PI
- 2003-2005, *Researches Synthesis and Characterization of Polymers with Controlled Architecture and Morphology. Studies of the Greening of Industrial Wastewater*, CNCSIS CEEX Project PI
- 2003-2004, *Composition for fixing Antrax and other pathogen agents*, UPB-UM02512C, Project PI



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- **2003-2004, Receipt and laboratory technology for biodegradable polymers for fixing the radioactive dust, UPB-UM02512C, Project PI**

## Academic interests

### Teaching activity

Studies	Program Name/Faculty	Title	Activity type
Bachelor	Polymer Science and Engineering, /Faculty of Applied Chemistry & Materials Science	Macromolecular Chemistry	Course Applications
	Polymer Science and Engineering, / Faculty of Applied Chemistry & Materials Science	Adhesives, Varnishes and Paints	Course Applications
	Polymer Science and Engineering, / Faculty of Applied Chemistry & Materials Science	Polymers with Special Properties for Optical Applications	Course
	Faculty of Engineering in Foreign Languages, French Division	Ioniques and Ioniques-Coordinative Polymerisations,	Course Applications
	Faculty of Engineering in Foreign Languages, French Division	Moderns Elastomeres, Department of Engineering Science	Course Applications
	Applications of Macromolecular Chemistry	Technical College; Economic Engineering	Course Applications
Master	Polymer Science and Engineering, / Faculty of Applied Chemistry & Materials Science	Synthesis of Polymers in Heterogeneous Media	Course Applications
	Smart Polymers and Biopolymers/ Faculty of Applied Chemistry & Materials Science	Advanced Conductive Polymers	Course Applications
		Smart Adhesives	Course Applications

## Honours and Awards

### Invited Lectures

- **Albu, A.-M., & DNA or Chromophores – which the best partner for N-substituted Amide Copolymers?**, virtual Congress on Materials Science and Engineering, 09-10, November, 2020
- **Ana-Maria Albu, Highly attractive chemistry of polymer-based bioadhesive films: targeted engineering of MA-VBC copolymers**, 3rd International Conference on Materials Science & Materials Chemistry”, October 14-15, 2019, Vienna, Austria.
- **Albu, A.-M., Structural Peculiarities of the Polymer- DNA Assembles**, Nanomat - 17th Edition of International Conference on Emerging Trends in Materials Science and Nanotechnology, (<https://nano-materials.euroscicon.com/>), 2018, April 26-27, Roma, Italy
- **Albu, A.-M., Challenges in Synthesis, Characterization and Applications of Novel Biomimetic Polymers**, EMN Africa Meetings: Energy Materials Nanotechnology, 26-30 November, 2017, Mauritius
- **Albu, A.-M., "New Carbazole Polymer Materials with ONL Properties"**, Fourth International Workshop on Advanced Nano- And Biomaterials and their Device Applications, September 17-21, 2014, Iași, România
- **Albu, A.-M., Polymer Ensembles for Optical and Photonics Applications**, Second International Workshop on Advanced, Nano- and Biomaterials and Their Applications (NAMB), 15-19 September, 2010, Sibiu, Romania;
- **Albu, A.-M., Photochromic and Photorefractive Materials Based on Polymers**, Optical Materials in Defence Systems Technology VII SPIE EUROPE/ Photoactive Materials, 20 - 24 September 2010, Toulouse; France



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- Zohrabyan, L., **Albu, A.-M.**, Zohrabyan, A., Galstian, TV, *Light induced gradient polymer stabilized liquid crystals for electrically variable focus lenses: the role of network morphology*, SPIE: Micro-Optics/ Tunable Micro-Optical Components, 12–16 April 2010, Brussels, Belgium
- **Albu, A.-M.**, *Friendly Polymer Materials with Potential Applications in Fuel cell Technology*, Applied Sciences and Environmental Study Materials" 2<sup>th</sup> National Conference with International Participation, April 28-30, 2010, Targoviste, Romania;
- **Albu, A.-M., & cow** *New trends in architecture of azo-polymer materials with applications in optical field*, invited paper [7487-09], Optical Materials in Defence Systems Technology VI SPIE EUROPE 30.08.-04.09. 2009; Berlin, Germany
- **Albu, A.-M.**, *Maleic Anhydride Copolymers with Ability to Bind Metal Ions:II. Aromatic Amine Derivates from Removal of Cr (III) Ions*, First International Workshop on Advanced, Nano- and Biomaterials and Their Applications (NAMB) French-Romanian Topical Meeting on Nano and Biomaterials, 17-21 September 2008, Poiana Braşov, Romania
- *Polymeric Materials for Nonlinear Optics*", 2<sup>nd</sup> International Conference on Functional Materials and Devices (ICFMD), section B Optical Materials, I-59, 16-19 June **2008**, Kuala-Lumpur, Malaysia;

### **Plenary Lectures**

- ✓ **Albu, A.-M.**, *Preliminary Approaches in Designing and Investigation of Materials Inspired by Mussel Adhesive Protein*, Tenth CRISTOFOR I. SIMIONESCU Symposium – Frontiers in Macromolecular and Supramolecular Science (<http://www.acad.ro/com2018/doc/d0611-CIS2018-program.pdf>) , 8 – 14 June 2018 ROMANIAN ACADEMY, Bucharest, Romania
- ✓ **Albu, A.-M.**, *Trybopolymerization: Modern Trends for Antiwear Process*, XXXV-th Romanian Chemistry Conference( <http://conference.oltchim.ro/>), October 2-5, 2018, Călimăneşti-Căciulata, Vâlcea, Romania
- ✓ **Albu, A.-M.**, *Polymers versus Lubricants/Lubrication Why? How? When? Modern Trends*, [Minilubes.net/Marie](http://Minilubes.net/Marie) Curie Actions, "Petru Poni" Institute of Macromolecular Chemistry, Iasi, 23-24 April 2012
- ✓ **Albu, A.-M.**, *Polymer Architectures for Optical and (Bio)Photonic Applications*, Advanced Academic School for Biophotonic Materials, Bucharest, May 2013
- ✓ **Albu, A.-M.**, *Preliminary Technical Investigations to Evaluate NLO Properties: Solvatochromic properties /Photochromic properties*, Advanced Academic School for Biophotonic Materials, Bucharest, May 2013

### **Membership of Professional Bodies**

- Member of the Romanian Chemical Society (1992-)
- Member of the Romanian Society for Rheology (2011-)

### **Other Significant Activities**

- **Member of Faculty Council**, (2016-2020)
- **Member of Biotechnology and Polymer Science Department Board** of Faculty of Applied Chemistry & Materials Science (2000-2016)

### **Further Information**

#### **Professional**

- Member of Organizing Committee of "The Romanian International Conference on Chemistry and Chemical Engineering (RICCCE)", Section Polymer Science (2001, 2003)
- Member of the Commission for Bachelor's Degree (1993-2016),
- Member of Commission for Master's Degree (2000-),
- Member of Commission for Technical College (1998-2004)
- Member of Faculty's Commission for Bachelor's Degree (2010-)
- President of the Commission Baccalaureat (2000)

#### **Scientific Activities**



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- **Member of the Editorial Board** of International Journal of Science and Arts (JOSA), ISSN 1844-9581 (2008)
- **Chair at ICFMD-2008, section B**, -Optical Materials, Kuala Lumpur, MALAYSIA
- **Chair at Nanomat 2018**, 17th Edition, Roma, Italy
- **Reviewer** for *Journal of Applied Polymer; Science Separation Science and Technology; High Polymer Technologies, SPIE Journals; Advanced Polymer Technology, The Scientific Bulletin - Series B Chemistry and Materials Science, UPB.*
- **Member of the Jury** for the “C.D. Nenițescu” Chemistry National Conference for Students, Section of Organic Compounds and Polymers
- **Member of Scientific Board of Colloquium** “Physics of Materials” (PM-2), POLITEHNICA University of Bucharest, 8 October 2010, Bucharest, Romania

## Publications

### Journal Articles (selection, 59 ISI)

1. **A.-M. Albu**, W Draghicescu, T Munteanu, R Ion, V Mitran, A Cimpean, S. Popescu, C. Pirvu; 2019; Nitrodopamine vs dopamine as an intermediate layer for bone regeneration applications; *Materials Science and Engineering: C* 98, 461-471; <https://doi.org/10.1016/j.msec.2019.01.014>
2. Stoian, S.A., Gabor, A.R., **Albu, A.M.** Nicolae, C. A.; Raditoiu, V; Panaitescu, D. M.; 2019, Recycled polypropylene with improved thermal stability and melt processability, *J Therm Anal Calorim*, 1-12; <https://doi.org/10.1007/s10973-019-08824-2>
3. **Albu A**, Maior I, Nicolae C, Bocăneală F, 2016, Novel PVA Proton Conducting Membranes Doped With Polyaniline Generated By In-Situ Polymerization, *Electrochimica Acta*, 211, 911-917, DOI: 10.1016/j.electacta.2016.06.098
4. Aldea, A; **Albu, A.-M.**; Nicolescu, A., Tecuceanu, V., 2016, Kinetic of Free Radical Polymerization of N-Substituted Amides and Their Structural Implications, *Advances in Materials Science and Engineering*, Hindawi Publishing Corporation
5. Aldea, A; **Albu, A.-M.**; Rau, I.; *New polymeric materials for photonic applications: Preliminary investigations*, 2016, *Optical Materials*, 56, 90-93; doi:10.1016/j.optmat.2016.01.032
6. Popescu, S., Ungureanu, C., **Albu A.-M.**, , Pirvu, C., *Poly(dopamine) assisted deposition of adherent PPy film on Ti substrate*, 2014, *Progress in Organic Coatings*, 77, 1890-1900, ISSN: 0300-9440
7. Maior, I.; **Albu, A.-M.**; Gabor R.; *New Polymer Assembles with Potential Use as Solid Electrolytes Type Membranes*, 2015, *Applied Mechanics and Materials Vol. 760*, 245-250. (doi:10.4028/www.scientific.net/AMM.760.245); ISSN: 16627482, 16609336.
8. Cornelia Moțoc, Cristina Cîrtoaje, Adriana Stoica, Victor Stoian., **Albu, A.-M.**, *Relaxation Phenomena in Nematic- Polymer Mixtures*, 2013, U.P.B. Sci. Bull., Series A, Vol. 75, Iss. 3, 2013 ISSN 1223-7027
9. Ionita, I., **Albu, A.-M.**, Radulescu, C., *Synthesis and Characterization of New Carbazole Derivative for Photorefractive Materials*, *Rev. Chim.*, 2013, 64, (6), 612-619, (IF: 0.677, ISSN: 0034-7752)
10. Bădănoiu, A. I.; **Albu A.-M.**, Voicu, G., Nicolae, C. A. Influence of Dicyclopentadiene Co-Polymers on the Hardening Processes and Properties of Portland Cement Composites, *J. Inorg. Organomet. Polym.Mat.*, 2013, 23 (3), pp 499-509, DOI: 10.1007/s 10904-012-9806-5.
11. **Albu A.-M.**, Mocioi, M., Mateescu, C.D., Iosif A., *Maleic Anhydride Copolymers with Ability to Bind Metal Ions. I. Polydentate Amine Derivates for Cr (III) Ions Removal*, *J. Appl. Polym. Sci.*, 2011,, 121, 1867–74, DOI: 10.1002/app.33668
12. Stanculescu, A.; Socol M., Socol G. , Mihailescu I.N. , Girtan M. , Preda N., **Albu A.-M.**, Stanculescu F., *Effect of maleic anhydride–aniline derivative buffer layer on the properties of flexible substrate*





- heterostructures: Indium tin oxide/nucleic acid base/meta*, Thin Solid Films, 2011, 520 (4), 1251-58.  
DOI: 10.1016/j.tsf.2011.04.204
13. **Albu, A.-M.**, Ionita, I., Maganu, M., Boscornea, C., Vasilescu, D. S., *New Trends in Architecture of Azo-Polymer Materials with Applications in Optical Field. 2. Solvatochromic and Photochromic Investigation*, Mol. Cryst. Liq. Cryst. 2010, 522, 127[539]–137[549], DOI: 10.1080/15421401003724142
  14. Stanculescu, A., **Albu, A.-M.**, Socol, G., Stanculescu, F., Socol, M., Preda, N., Rasoga, O., Girtan, M., Iulian, I., *MAPLE Deposited Thin Monomer Films of Maleimidic Derivatives for Photonics*, J. of Optoelect. Advan. Mater., 2010, 12, 731-739
  15. Socol, G., Mihailescu, I.N., Albu, A.-M., Antohe, S., Stanculescu, F., Stanculescu, A., Mihut, L., Rasoga, O., *MAPLE prepared polymeric thin films for non-linear optic applications*, Appl. Surf. Sci., 2009, 255, 5611–5614 DOI:10.1016/j.apsusc.2008.07.206
  16. Albu, A.-M., *Second and Third Nonlinear Optical Response in Azoic Pendant Macromolecular Structures*, Rev. Chim, 2009, 69, 38-, ISSN: 0034-7752
  17. Albu A.-M., Stanciu, D. N., Mocioi, M., *Polymerization Process-Method for Control Of Crystal Nucleation Of Calcium Carbonate*, Mol. Cryst. Liq. Cryst., Mol. Cryst. Liq. Cryst., 2008, 483 (part I of IV), 141-154, DOI:10.1080/15421400801904450
  18. Mocioi, M., Albu, A.- M., Mateescu, C., Voicu, G., Rusen E., Marculescu, B., Mutihac, L., *New Polymeric Structures Designed for the Removal of Cu (II) Ions from Aqueous Solutions*, J. Appl. Polym Sci, 2007, 103 (3), 1397-1405, DOI: 10.1002/app.24655
  19. Marculescu, B.; Rusen, E.; **Albu, A.-M.**; Stanciu, D.; Vasilescu, D.S.; *Copolymerization of the pair maleic anhydride- dicyclopentadiene: II Kinetics at low conversion*”, 2006, J. Macromol. Sci., Part A, **43**, (2); 383-391; DOI: 10.1080/10601320500437300
  20. Sylla, M., Mănăila-Maximean, D., **Albu, A. M.**, Delaunay J., *Synthesis, and Non-linear Optical Properties of New Polymers Based on Coloured Monomers*, Polymer, 2000, 41, pp. 3507-3511, , DOI: 10.1016/S0032-3861(99)00610-2.
  21. E. Rusen, B. Marculescu, **A.-M. Albu**, D. M. Vuluga, A. Boborodea, D. S. Vasilescu, *“Copolymerization of the pair maleic anhydride–dicyclopentadiene: I. Copolymerization and post-copolymerization at high conversion”*, 2005, Polym Int 54; 215–220 DOI: 10.1002/pi.1689
  22. B. Marculescu, M. Popescu, E. Rusen, **A.-M. Albu**, D. S. Vasilescu, A. Boborodea, *“Copolymerization Of Di-Cyclopentadiene With Maleic Anhydride In Heterogeneous Systems”*, 2004, Mat. Plast., 41(2); 115-117, ISSN: 0025-5289
  23. Marculescu B, **Albu A.-M.**, Donescu D, Boborodea A.G, Rusen E, Vasilescu D.S, *Radical copolymerization of the binary system maleic anhydride- di-cyclo-pentadiene*, 2003, Revue Roum. Chim., 48 (11), 897-901 ISSN: 0035-3930
  24. **Albu, A.-M.**, Cobianu N., *Some Aspects Concerning the Radical Polymerisation Kinetics for Homogenous Concentrated Solutions*, Rev. Roum. de Chime, 2000, 45(1), 57-69, ISSN: 0035-3930
  25. **Albu, A.-M.**, Mărculescu, B., Boborodea, A. G., Vasilescu, D. S., *Synthesis and Characterisation of some Polymers with Applications in Non-linear Optics: I. Polymerisation of Styrene and Methyl Methacrylate in the Presence of Coloured Comonomers*, E. Polym. J., 1999, 35, 12, 2197-2202 DOI: 10.1016/S0014-3057(99)00018-X
  26. **Albu, A.-M.**, Mărculescu, B., Vasilescu, D. S., *Synthesis and Characterisation of Some Polymers with Applications in Non-linear Optics: II. Copolymerisation of Styrene with some Monomers containing Azo-Dyes*, E. Polym. J., 1999, 35, 12, pp. 2203-2205, DOI: 10.1016/S0014-3057(99)00019-1
  27. Mănăila-Maximean, D., Bena, R., **Albu, A.-M.**, *Electric and Electro-optic Investigations on Polymer Dispersed Liquid Crystal Film*, Mod. Phys. Lett.B, 1997, 11, 9-10, 431-440 DOI: 0217-9849



28. **Florescu (Albu), A.-M.**, Cobianu, N., *Polymerisation of the Vinyl Acetate, Having as Initiators System: t-butyl 2-ethyl-perhexanoat /Ascorbic Acid, in a Methanol*, Mat. Plast., 1992, 1(20), 10-15, ISSN: 0025-5289

### Books

- ✓ Albu, A.-M., **Polymeric Materials with Optical Applications**, Politehnica Press – Bucharest, 2017, ISBN 978-606-515-740-8 (student book 282 pag)
- ✓ Albu, A.-M., Mărculescu, B., **Polymerisation Ioniques et Ioniques Coordinatifes**, Ed. Semne, Bucharest, 2002, ISBN 974-654-234-3 (student book 181 pag).
- ✓ Vasilescu, D. S., Cincu, C., Butac, L. M., Albu, A.-M., Boborodea, A. G., **Guide de Travaux Pratiques**, Ed. Printech, Bucharest, 2000, ISBN 973-652-060-9 (student book, 286 pag).
- ✓ Mărculescu, B., Albu, A.-M., **La Chimie Macromoleculaire par des Exercices**, ed. Printech, Bucharest, 2000, ISBN 973-652-200-8 (student book 132 pag).

### Proceedings of International Conferences

- ✓ **Florescu (Albu), A.-M.**, Zerroukhi, A., Chatzopoulos, F., Montheard, J. P., Trouillet, A. *Colorants pour L'optique Non Linéaire à Partir du Chlorométhylstyrène et D'halogénométhacrylates*, in the *National Congress of French Chemical Society*, 1994, Lyon, France, p. 14-16
- ✓ Sylla, M., Mănăila-Maximean, D., **Albu, A.-M.**, Delaunay, J., *Synthesis and Third Order Non-linear Optical Properties Study of New Polymers Based on Coloured Monomers*, Proc. SPIE. 3796, Organic Nonlinear Optical Materials, 183, 1999 doi: 10.1117/12.368274
- ✓ **Albu, A.-M.**, Mărculescu, B., D. Mănăila-Maximean, D., Trouillet, A., *Preparation of a Copolymer for Second Order Non-linear Optics in Sixth Symposium on Optoelectronics*, September 2000, Bucharest, Proc. SPIE. 4068, SIOEL '99: Sixth Symposium on Optoelectronics, 59, 2000, doi: 10.1117/12.378725
- ✓ Mănăila-Maximean, D., **Albu, A.-M.**, B. A. Umanki, C. Roșu, Delaunay, *Polymer-dispersed liquid crystal films using new polymer transformed with coloring matter*, Proc. SPIE. 4430, ROMOPTO 2000: Sixth Conference on Optics, 554. 2001 doi: 10.1117/12.432891
- ✓ Ionita I., **Albu, A.-M.**, Tărăbășanu Mihăilă, C., Radulescu C., Moater E. I., *Synthesis and characterization of photochromic polymeric materials*, Proc. SPIE. 7297, Advanced Topics in Optoelectronics, Microelectronics, and Nanotechnologies IV, 72970Q. 2009, doi: 10.1117/12.823636
- ✓ Nicolescu, F. A., Jerca, V. V., **Albu, A.-M.**; Vasilescu, D. S., Vuluga, M.D. *Synthesis and characterization of organic-inorganic polymers from new methacrylate monomers and silane derivatives*, Proc. SPIE. 7487, Optical Materials in Defence Systems Technology VI, 74870N. (September 17, 2009) doi: 10.1117/12.832282
- ✓ **Albu, A.-M., & cow.**, "New trends in architecture of azo-polymer materials with applications in optical field", Proc. SPIE. 7487, Optical Materials in Defence Systems Technology VI, 74870N. (September 17, 2009) doi: 10.1117/12.832282
- ✓ Ionita I., **Albu, A.-M.**, Radulescu C., Moater E. I., *Innovations in the Synthesis and Characterization of Electro-Optical Materials Based on Polymers with Carbazolic Sequences (Des Nouveautés dans la Synthèse et Caractérisation des Matériaux Electro-Optiques à Bases des Polymères avec des Séquences Carbazolique)*, in 6<sup>th</sup> edition of *Colloque Franco-Roumain de Chimie Appliquée*, COFrRoCA 2010, 7-10 July 2010, Orléans, France



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- ✓ Ionita I., **Albu, A.-M.**, Radulescu C., Dulama I. D., Gavrilă I., *The effects of UV irradiation in azo-derivatives*, Proc. SPIE. 8411, Advanced Topics in Optoelectronics, Microelectronics, and Nanotechnologies VI, 84111J. (November 01, 2012) doi: 10.1117/12.964412
- ✓ Zohrabyan, L., **Albu, A.-M.**, Zohrabyan, A., Galstian, TV, *Light induced gradient polymer stabilized liquid crystals for electrically variable focus lenses: the role of network morphology*, Proc. SPIE. 7716, Micro-Optics 2010, 77160D. (April 30, 2010) doi: 10.1117/12.859079

### Patents

- ✓ Copolymer Styrene- Acrylic, Synthesis Procedure, Colored Intermediary Monomer in Synthesis of the Copolymer and Composite Film for Electro-optical Devices, Rumanian Patent 113649 C1/C09B29/00, 2000

### Other

- ✓ **Associate Researcher** at Centre for Organic Chemistry “Costin D. Nenitescu”, Romanian Academy/ research activity in field of Fine Organic and Polymer Synthesis (2005-2014)
- ✓ **Postdoctoral stage** to Laval University, Quebec, Canada, supervisor professor Tigran Galstian, *Synthetic Approaches to Polymer Stabilized Liquid Crystal System (October 2003-avril 2004)*
- ✓ **TEMPUS Individual Mobility** (IMG-93-Ro-1213), University “Jean Monnet”, Saint Etienne, France; (October -December 1993)
- ✓ **TEMPRA** bourse from Rhone-Alpe region, University “Jean Monnet”, Saint Etienne, France; (January -October 1994)
- ✓ **Teaching Internship** at the INP Toulouse (TEMPUS program **June 1998**)
- ✓ Expert Assessor to the National program RELANSIN: 2000-2005
- ✓ Expert Assessor to the National research program MATNANTECH 2000-2005
- ✓ Expert Assessor to the National Council of Research starting to 2000

Total number of citations, according to Web of Science: 242, HI: 11; Scopus: 279; H index 9; Google scholar: 322; HI: 10

Over 120 oral and poster communications; overall 90 scientifically papers in all indexation systems.

Supervisor: overall 100 bachelor's thesis; overall 60 dissertation thesis;

### Contact and referring person

- Prof. Bogdan SIMIONESCU, vice president of The Romanian Academy, vice-president of Roumanian Academia, Romania, phone: + 40-21 212 86 56; fax: + 40-21 211 66 08 E-mail: bogdan.simionescu@acad.ro or bcsimion@icmpp.ro
- Prof. Galstian TIGRAN, University Laval, Quebec, Canada, phone: + (418)656-2131/2025 /fax: + (418)656-2623; E-mail: Tigran.Galstian@phy.ulaval.ca
- Prof. Cristian PÎRVU, University POLITEHNICA Bucharest, Department of General Chemistry, Politehnica University of Bucharest, phone: 4012 4023930, 4023894; E-mail: c\_pirvu@chim.upb.ro
- Prof. Ileana Brîndușa RĂU, Department of General Chemistry, Politehnica University of Bucharest, phone: +4012 4023907; fax: +4021 3154193 E-mail: i\_rau@chim.upb.ro