

Vasile Simulescu – listă lucrări

Lista celor 10 lucrări considerate a fi cele mai relevante pentru realizările profesionale proprii și pentru domeniul disciplinelor postului Conferentiar univ. 8

1. Z. Khaled, G. Ilia, C. Watz, I. Macașoi, G. Drăghici, V. Simulescu, P.E. Merghes, N.I. Varan, C.A. Dehelean, L. Vlaia, L. Sima, The Biological Impact of Some Phosphonic and Phosphinic Acid Derivatives on Human Osteosarcoma, *Current Issues in Molecular Biology*, 2024, 46, 4815-4831. <https://doi.org/10.3390/cimb46050290> WOS:001262175800001.
2. P. Merghes, N. Varan, G. Ilia, I. Hulka, V. Simulescu, A SEM-EDX Study on the Structure of Phenyl Phosphinic Hybrids Containing Boron and Zirconium, *Gels*, 2023, 9(9), 706. <https://doi.org/10.3390/gels9090706> WOS:001073612100001.
3. P. Merghes, G. Ilia, I. Hulka, V. Chiriac, N. Varan, V. Simulescu, The Influence of Boron on the Structure and Properties of Hybrid Compounds Containing Zirconium and Phosphorus, *Gels*, 2022, 8(10), 667. <https://doi.org/10.3390/gels8100667> WOS:000875261300001.
4. G. Ilia, V. Simulescu, R. Gheonea, E. Crasmareanu, I. Hulka, Grafting on metal oxide surface of phenyl phosphinic acid by using solid-state process, *Journal of the Iranian Chemical Society*, 2021, 18(7), 1815-1823. <https://doi.org/10.1007/s13738-020-02153-0> WOS:000606178300002.
5. G. Ilia, V. Simulescu, I. Hulka, Hybrids containing zirconium and phosphorus compounds obtained by sol-gel method, *Colloid and Polymer Science*, 2021, 299, 137-151. <https://doi.org/10.1007/s00396-020-04780-8> WOS:000586348600001.
6. L. Macarie, M. Pekař, V. Simulescu, N. Plesu, S. Iliescu, G. Ilia, M. Tara-Lunga-Mihali, Properties in aqueous solution of homo- and copolymers of vinylphosphonic acid derivatives obtained by UV-curing, *Macromolecular Research*, 2017, 25(3), 214-221. <https://doi.org/10.1007/s13233-017-5026-8> WOS:000397986000003.
7. V. Simulescu, M. Kalina, J. Mondek, M. Pekař, Long-term degradation study of hyaluronic acid in aqueous solutions without protection against microorganisms, *Carbohydrate Polymers*, 2016, 137, 664-668. <https://doi.org/10.1016/j.carbpol.2015.10.101> WOS:000366938200079.
8. J. Mondek, M. Kalina, V. Simulescu, M. Pekař, Thermal degradation of high molar mass hyaluronan in solution and in powder; comparison with BSA, *Polymer Degradation and Stability*, 2015, 120, 107-113. <https://doi.org/10.1016/j.polymdegradstab.2015.06.012> WOS:000362926800013.
9. V. Simulescu, J. Mondek, M. Kalina, M. Pekař, Kinetics of long-term degradation of different molar mass hyaluronan solutions studied by SEC-MALLS, *Polymer Degradation and Stability*, 2015, 111, 257-262. <https://doi.org/10.1016/j.polymdegradstab.2014.12.005> WOS:000348949000030.
10. N. Kristen, V. Simulescu, A. Vüllings, A. Laschewsky, R. Miller, R. v. Klitzing, No charge reversal at foam film surfaces after addition of oppositely charged polyelectrolytes? *Journal of Physical Chemistry B*, 2009, 113 (23), 7986-7990. <https://doi.org/10.1021/jp902369d> WOS:000266679200005.

Titlul tezei de doctorat

Contribuții la stabilitatea peliculelor lichide în spume (susținută public în 08/05/2009, domeniul Chimie)
Conducător științific: Prof. Dr. Gheorghe Ilia
Universitatea de Vest din Timișoara, Facultatea de Chimie, Biologie, Geografie.

Titlul tezei de abilitare

Tehnici instrumentale avansate utilizate pentru a studia degradarea biopolimerilor și pentru analiza unor compuși hibridi organici-anorganici (susținută public în 16/10/2024, domeniul Chimie)
IOSUD Universitatea de Vest din Timișoara

Lista brevetelor

F. Mravec, M. Pekař, V. Simulescu, T. Halasova, A process for preparing a physically crosslinked hydrogel with at least one solubilized hydrophobic compound, CZ308595B6, 2016 (Brevet: appl. no. CZ2014946A).

Lista capitolelor de cărți

1. V. Simulescu, S. Funar-Timofei, V. Chiriac, G. Ilia, Synthesis of phosphorus-based phosphors, in Hybrid Phosphor Material: Synthesis Characterization and Applications, 119-149, ISSN: 1612-1317, Springer Nature, 2022, DOI [10.1007/978-3-030-90506-4_5](https://doi.org/10.1007/978-3-030-90506-4_5).
2. V. Simulescu, G. Ilia, Metal polymers, in Recent Research Developments in Applied Polymer Science, 2009, 4 (1), 85-138, ISBN: 978-81-308-0347-0.

Lista articolelor publicate în reviste din fluxul științific internațional

Articole în Web of Science core collection

1. P. Merghes, G. Ilia, B. Maranescu, N. Varan, V. Simulescu, The Sol–Gel Process, a Green Method Used to Obtain Hybrid Materials Containing Phosphorus and Zirconium, Gels, 2024, 10(10), 656. <https://doi.org/10.3390/gels10100656> WOS:001341991100001.
2. Z. Khaled, G. Ilia, C. Watz, I. Macașoi, G. Drăghici, V. Simulescu, P.E. Merghes, N.I. Varan, C.A. Dehelean, L. Vlaia, L. Sima, The Biological Impact of Some Phosphonic and Phosphinic Acid Derivatives on Human Osteosarcoma, Current Issues in Molecular Biology, 2024, 46, 4815-4831. <https://doi.org/10.3390/cimb46050290> WOS:001262175800001.
3. N. Varan, P. Merghes, N. Plesu, L. Macarie, G. Ilia, V. Simulescu, Phosphorus-Containing Polymer Electrolytes for Li Batteries, Batteries, 2024, 10(2), 56. <https://doi.org/10.3390/batteries10020056> WOS:001172076500001.
4. P. Merghes, N. Varan, G. Ilia, I. Hulka, V. Simulescu, A SEM-EDX Study on the Structure of Phenyl Phosphinic Hybrids Containing Boron and Zirconium, Gels, 2023, 9(9), 706. <https://doi.org/10.3390/gels9090706> WOS:001073612100001.
5. G. Ilia, V. Simulescu, N. Plesu, V. Chiriac, P. Merghes, Wittig and Wittig–Homer Reactions under Sonication Conditions, Molecules, 2023, 28, 1958. <https://doi.org/10.3390/molecules28041958> WOS:000941022400001.
6. P. Merghes, G. Ilia, I. Hulka, V. Chiriac, N. Varan, V. Simulescu, The Influence of Boron on the Structure and Properties of Hybrid Compounds Containing Zirconium and Phosphorus, Gels, 2022, 8(10), 667. <https://doi.org/10.3390/gels8100667> WOS:000875261300001.
7. G. Ilia, P. Merghes, N. Varan, V. Chiriac, V. Simulescu, Zirconyl chloride and its uses in phosphorus chemistry, Chemical Papers, 2022, 76, 5293-5307. <https://doi.org/10.1007/s11696-022-02266-1> WOS:000801115600002.
8. S. Popa, A. Tamas, V. Simulescu, D. Jurcau, S. Boran, G. Mosoarca, A Novel Approach of Bioesters Synthesis through Different Technologies by Highlighting the Lowest Energetic Consumption One, Polymers, 2021, 13(23), 4190. <https://doi.org/10.3390/polym13234190> WOS:000734584000001.
9. G. Ilia, V. Simulescu, P. Merghes, N. Varan, The health benefits of honey as an energy source with antioxidant, antibacterial and antiseptic effects, Science and Sports, 2021, 36(4), 272.e1-272.e10. <https://doi.org/10.1016/j.scispo.2020.10.005> WOS:000690381100004.

10. G. Ilia, V. Simulescu, R. Gheonea, E. Crasmareanu, I. Hulka, Grafting on metal oxide surface of phenyl phosphinic acid by using solid-state process, *Journal of the Iranian Chemical Society*, 2021, 18(7), 1815-1823. <https://doi.org/10.1007/s13738-020-02153-0> WOS:000606178300002.
11. G. Ilia, V. Simulescu, I. Hulka, Hybrids containing zirconium and phosphorus compounds obtained by sol-gel method, *Colloid and Polymer Science*, 2021, 299, 137-151. <https://doi.org/10.1007/s00396-020-04780-8> WOS:000586348600001.
12. L. Macarie, V. Simulescu, G. Ilia, Phosphonium-based ionic liquids used as reagents or catalysts, *Chemistry Select*, 2019, 4(32), 9285-9299. <https://doi.org/10.1002/slct.201901712> WOS:000483732500005.
13. L. Macarie, V. Simulescu, G. Ilia, Ultrasonic irradiation used in synthesis of aminophosphonates, *Monatshefte für Chemie/Chemical Monthly*, 2019, 150(2), 163-171. <https://doi.org/10.1007/s00706-018-2327-3> WOS:000457316200002.
14. V. Simulescu, G. Ilia, L. Macarie, P. Merghes, Sport and energy drinks consumption before, during and after training, *Science and Sports*, 2019, 34(1), 3-9. <https://doi.org/10.1016/j.scispo.2018.10.002> WOS:000456081000009.
15. V. Simulescu, G. Ilia, Solid-phase synthesis of phosphorus derivatives, *Current Organic Chemistry*, 2019, 23(6), 679-688. <https://doi.org/10.2174/1385272823666190213112019> WOS:000474205700003.
16. S. Popa, S. Boran, V. Simulescu, Collagen films obtained from collagen solutions characterized by rheology, *Materiale plastice*, 2017, 54(2), 359-361. WOS:000408702100036.
17. L. Macarie, M. Pekař, V. Simulescu, N. Plesu, S. Iliescu, G. Ilia, M. Tara-Lunga-Mihali, Properties in aqueous solution of homo- and copolymers of vinylphosphonic acid derivatives obtained by UV-curing, *Macromolecular Research*, 2017, 25(3), 214-221. <https://doi.org/10.1007/s13233-017-5026-8> WOS:000397986000003.
18. R. Gheonea, E. Crasmareanu, N. Plesu, S. Sauca, V. Simulescu, G. Ilia, New hybrid materials synthesized with different dyes by sol-gel method, *Advances in Materials Science and Engineering*, 2017. <https://doi.org/10.1155/2017/4537039> WOS:000410301400001.
19. R. Gheonea, C. Mak, E. Crasmareanu, V. Simulescu, N. Plesu, G. Ilia, Surface modification of SnO₂ with phosphonic acids, *Journal of Chemistry*, 2017. <https://doi.org/10.1155/2017/2105938> WOS:000394083800001.
20. E. Crasmareanu, C. A. Mak, R. Gheonea, V. Simulescu, G. Ilia, New magnetic phosphonate organic-inorganic hybrid materials, *Revista de Chimie*, 2016, 8, 1542-1546. WOS:000384514200028.
21. V. Simulescu, M. Kalina, J. Mondek, M. Pekař, Long-term degradation study of hyaluronic acid in aqueous solutions without protection against microorganisms, *Carbohydrate Polymers*, 2016, 137, 664-668. <https://doi.org/10.1016/j.carbpol.2015.10.101> WOS:000366938200079.
22. G. Ilia, S. Iliescu, A. Popa, A. Visa, B. Maranescu, V. Simulescu, M. Pekař, V. Badea, Polyalkylene-H-phosphonates obtained by direct esterification and oxidation from hypophosphorus acid and ethylene glycol, *Journal of Macromolecular Science, Part A: Pure and Applied Chemistry*, 2016, 53(1), 49-54. <https://doi.org/10.1080/10601325.2016.1110458> WOS:000367550100008.
23. V. Simulescu, G. Ilia, E. Crasmareanu, Synthesis of organic compounds containing phosphorus by using ultrasounds, *Mini-Reviews in Organic Chemistry*, 2016, 13(4), 289-298. DOI: [10.2174/1570193X13666160609123041](https://doi.org/10.2174/1570193X13666160609123041) WOS:000380839800005.

24. J. Mondek, M. Kalina, V. Simulescu, M. Pekař, Thermal degradation of high molar mass hyaluronan in solution and in powder; comparison with BSA, *Polymer Degradation and Stability*, 2015, 120, 107-113. <https://doi.org/10.1016/j.polymdegradstab.2015.06.012> WOS:000362926800013.
25. V. Simulescu, J. Mondek, M. Kalina, M. Pekař, Kinetics of long-term degradation of different molar mass hyaluronan solutions studied by SEC-MALLS, *Polymer Degradation and Stability*, 2015, 111, 257-262. <https://doi.org/10.1016/j.polymdegradstab.2014.12.005> WOS:000348949000030.
26. G. Ilia, V. Simulescu, C.A. Mak, E. Crasmareanu, The use of transesterification method for obtaining phosphorus-containing polymers, *Advances in Polymer Technology*, 2014, 33(S1), 21437, <https://doi.org/10.1002/adv.21437> WOS:000346980600002.
27. G. Ilia, E. Crasmareanu, D. Pascut, L. Darabanti, V. Simulescu, The use of mass spectrometry in obstetric and gynecology, *Central European Journal of Chemistry*, 2013, 11(5), 645-654. <https://doi.org/10.2478/s11532-013-0219-2> WOS:000315482000001.
28. E. Crasmareanu, V. Simulescu, G. Ilia, Synthesis by reversed phase transfer catalysis and characterization of naphthol AS-D pigment, *Journal of Chemistry*, 2013. <https://doi.org/10.1155/2013/545374> WOS:000324181800001.
29. E. Crasmareanu, N. Plesu, S. Muntean, M. Mihali, V. Simulescu, G. Ilia, An EIS and UV-Vis Spectroscopy Assay for Aggregation of Monoazo Acid Dye, *Revista de chimie*, 2012, 63 (8), 768-771. WOS:000309782900005.
30. V. Simulescu, I. Tatarova, H. Ehmann, M. Reischl, K. Stana-Kleinschek, V. Ribitsch, Cationic surfactants adsorption on different hydrophobic/hydrophilic charged polymer surfaces - A comparative study, *Abstracts of papers of the American Chemical Society*, 2012, 243, ISSN 0065-7727. WOS:000324475103668.
31. E. Crasmareanu, V. Simulescu, G. Ilia, Reversed phase transfer catalysis used in the synthesis of red pigments, *Revista de chimie*, 2011, 62 (3), 313-317. WOS:000289814300012.
32. V. Simulescu, E. Crasmareanu, G. Ilia, Synthesis, Properties and Structures of Phosphorus-Nitrogen Heterocycles, *Heterocycles*, 2011, 83 (2), 275-291. DOI: 10.3987/REV-10-685 WOS:000287562900002.
33. V. Simulescu, G. Ilia, Macrocycles and cavitands containing phosphorus, *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, 2010, 66 (1-2), 3-14. <https://doi.org/10.1007/s10847-009-9641-7> WOS:000273753100002.
34. R. Caprita, A. Caprita, G. Ilia, I. Cretescu, V. Simulescu, Laboratory procedures for assessing quality of soybean meal, *Proceedings of the World Congress on Engineering and Computer Science (WCECS)*, 2010, 1, 791-794. WOS:000292889100154.
35. R. Tudose, E. M. Mosoarca, V. Simulescu, V. Sasca, W. Linert, O. Costisor, Mixed-ligand complexes of iron(II), iron(III), copper(II), and cobalt(II) with pyrazolonic and 2,2'-bipyridine ligands, *Journal of Coordination Chemistry*, 2010, 63 (24), 4358-4366. <https://doi.org/10.1080/00958972.2010.539683> WOS:000478618600001.
36. E. M. Mosoarca, I. Labadi, L. Sajti, R. Tudose, V. Simulescu, W. Linert, O. Costisor, Synthesis and thermal behavior of copper(II) complexes containing N,N'-tetra(4-antipyrilmethyl)-1,2-diaminoethane as ligand, *Studia Universitatis Babes-Bolyai, Chemia*, 2010, 2(1), 89-96. WOS:000289655500008.
37. N. Kristen, V. Simulescu, A. Vüllings, A. Laschewsky, R. Miller, R. v. Klitzing, No charge reversal at foam film surfaces after addition of oppositely charged polyelectrolytes? *Journal of Physical*

**Articole în Web of Science
în jurnale neindexate**

- Chemistry B, 2009, 113 (23), 7986-7990. <https://doi.org/10.1021/jp902369d> WOS:000266679200005.
38. V. Simulescu, E. Manev, G. Ilia, Drainage and stability of foam films from aqueous solutions of single surfactant $C_{12}E_6$, Optoelectronics and Advanced Materials, 2009, 3 (2), 155-159. WOS:000264239300016.
39. V. Simulescu, J. Angarska, E. Manev, Drainage and critical thickness of foam films from aqueous solutions of mixed nonionic surfactants, Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 319 (1-3), 21-28. <https://doi.org/10.1016/j.colsurfa.2007.03.047> WOS:000257046000005.
40. M. Drehe, V. Simulescu, G. Ilia, Progress in the development of flame retardants, Reviews in Chemical Engineering, 2008, 24 (6), 263-302. <https://doi.org/10.1515/REVCE.2008.24.6.263> WOS:000273062600001.

1. J. Mondek, V. Simulescu, M. Pekař, New Kinetic Models in Biopolymer Degradation: Long-Term Study of Hyaluronan Samples, XIV workshop of physical chemists and electrochemists, 2014, ISBN: 978-80-210-6842, 199-202.
2. A. Caprita, R. Caprita, V. Simulescu, R. Drehe, The effect of thermal processing on soluble dietary fiber fraction in barley, International Journal of Arts and Sciences: Technology and Science, ISSN: 1944 - 6934, 4(20), 2011, 261-265.
3. A. Caprita, R. Caprita, V. Simulescu, R. Drehe, Water extract viscosities correlated with soluble dietary fiber molecular weight in cereals, Journal of Agroalimentary Processes and Technologies, 2011, 17(3), 242-245.
4. A. Caprita, R. Caprita, V. Simulescu, R. Drehe, The effect of temperature on soluble dietary fiber fraction in cereals, Journal of Agroalimentary Processes and Technologies, 2011, 17(3), 214-217.
5. V. Simulescu, A. Caprita, R. Caprita, Effect of concentration and extraction condition on wheat water extracts viscosities, Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Agriculture, 2010, 67 (2), 517, ISSN 1843-5246.
6. A. Caprita, R. Caprita, V. Simulescu, R. Drehe, Dietary fibre: chemical and functional properties, Journal of Agroalimentary Processes and Technologies, 2010, 16(4), 406-416.
7. V. Simulescu, J. Angarska, E. Manev, Kinetic stability of foam films from aqueous solutions of single and mixed nonionic surfactants, Ann. University of Shumen, 2007, XVII B2, 132-148.

**Lista publicațiilor științifice în
extenso, apărute în lucrări ale
unor conferințe internaționale de
specialitate**

1. V. Simulescu, Different analysis methods used to study organic-inorganic hybrids phosphorus containing, foam films stability and biopolymers degradation, Smart Diaspora – diaspora în învățământ superior, știință, inovare și antreprenariat, Timișoara, 2023.
2. V. Simulescu, G. Ilia, I. Hulka, SEM and EDX studies of new organic-inorganic hybrids containing zirconium and phosphorus compounds, New Trends and Strategies in the Chemistry of Advanced Materials, Timișoara, 2019.
3. V. Simulescu, G. Ilia, Organic-inorganic hybrids containing phosphorus compounds, NANO-modeling of strategic materials for knowledge economy, Timișoara, 2018.
4. V. Simulescu, G. Ilia, Hybrids containing zirconium and phosphorus compounds obtained by sol-gel

- method, *New Trends and Strategies in the Chemistry of Advanced Materials*, Timișoara, 2018.
5. V. Simulescu, M. Pekař, L. Macarie, N. Plesu, S. Iliescu, G. Ilia, M. Tara-Lunga Mihali, SEC-MALLS characterization of new synthesized polymers of vinylphosphonic acid derivatives, *New Trends and Strategies in the Chemistry of Advanced Materials*, Timișoara, 2017.
 6. E. Crasmareanu, R. Gheonea, V. Simulescu, G. Ilia, Grafting of SnO₂ on phenyl-phosphonic acids, *New Trends and Strategies in the Chemistry of Advanced Materials*, Timișoara, 2017.
 7. V. Simulescu, J. Mondek, M. Kalina, M. Pekař, G. Ilia, The use of SEC-MALLS method to study the biopolymers degradation, *New Trends and Strategies in the Chemistry of Advanced Materials*, Timișoara, 2016.
 8. V. Simulescu, J. Mondek, M. Pekař, Comparison of enzymatic, thermal and long-term degradation of hyaluronic acid in aqueous solution 4th International Conference on Multifunctional, Hybrid and Nanomaterials, Sitges, Spania, 2015.
 9. V. Simulescu, J. Mondek, A. Kargerová, M. Pekař, Enzymatic and long-term degradation of hyaluronic acid studied by SEC-MALLS, Asian Conference on Engineering and Natural Sciences, Tokio, 2015.
 10. V. Simulescu, J. Mondek, M. Pekař, SEC-MALLS study of hyaluronic acid and BSA thermal degradation in powder and in solution, XIII International Conference on Biology, Environment and Chemistry, Zurich, 2015.
 11. M. Žitnan, V. Simulescu, M. Pekař, Fluorescence correlation spectroscopy and SEC-MALLS measurements of the activity of hyaluronidase on fluorophore labeled hyaluronan, Focus on Microscopy, Göttingen, 2015.
 12. M. Chytil, P. Hájovská, V. Simulescu, A. Sereda, Overview of the Polysaccharide-Protein Complexes, 6th Chemistry and Life Meeting, Brno, 2015.
 13. E. Crasmareanu, C.A. Mak, V. Simulescu, G. Ilia, The synthesis and characterization of composite materials, *New Trends and Strategies in the Chemistry of Advanced Materials*, Timișoara, 2015.
 14. V. Simulescu, J. Mondek, M. Kalina, M. Pekař, Long-term degradation study of hyaluronic acid aqueous solutions by using SEC-MALLS, Bioorthogonal Chemistry Meeting of the Division of Biochemistry of the German Chemical Society, Berlin, 2014.
 15. E. Crasmareanu, C.A. Mak, V. Simulescu, G. Ilia, The synthesis of phosphonate organic-inorganic hybrid materials, *New Trends and Strategies in the Chemistry of Advanced Materials*, Timișoara, 2014.
 16. V. Simulescu, S. Obruča, M. Pekař, The use of SEC-MALS to study the degradation of pullulan and hyaluronic acid, 15th YUCOMAT conference, Herceg Novi, Montenegro, 2013.
 17. B. Maranescu, A. Visa, V. Simulescu, Synthesis and Characterization of New Unsaturated Layered Metal Phosphonates, Proceedings of the 13th Timisoara's Academic Days, 2013, 55-59.
 18. E. Crasmareanu, V. Simulescu, C. Mak, G. Ilia, Characterization of organic-inorganic hybrid materials obtained by incorporation of some red pigments in SiO₂ gels by SEM method, Proceedings of the 18th international symposium on analytical and environmental problems, Szeged, 2012, 14-17.
 19. A. Visa, B. Maranescu, A. Bucur, V. Simulescu, Design and synthesis of a diphosphonate metal-organic framework, Proceedings of the 18th international symposium on analytical and environmental problems, Szeged, 2012, 257-260.
 20. E. Crasmareanu, V. Simulescu, I. Creanga, G. Ilia, Incorporation of Red Pigments in Sol-Gel TiO₂,

New Trends and Strategies in the Chemistry of Advanced Materials, Timișoara, 2010.

21. C. Cretu, L. Avram, V. Simulescu, V. Sasca, The thermic behavior of Ni(II) complexes, New Trends and Strategies in the Chemistry of Advanced Materials, Timișoara, 2010.

22. V. Simulescu, The use of mass spectrometry in organic chemistry, Contributions of young researchers at development of research in Chemistry, Timișoara, 2010.

23. N. Kristen, V. Simulescu, R. v. Klitzing, Tuning of interactions in foam films from oppositely charged polyelectrolyte/surfactant mixtures, DPG-Verhandlungen, CPP6: Thin films, Dresda, 2009.

24. N. Kristen, V. Simulescu, R. v. Klitzing, The effect of polyelectrolytes on the stability of thin liquid films, International Conference "Colloidal systems in external fields" - 16th Ostwald Colloquium, Leipzig, 2008.

25. N. Kristen, V. Simulescu, R. v. Klitzing, Control of foam film (de)stability by addition of polyelectrolytes, 22th ECIS, Cracowia, 2008.

26. N. Kristen, V. Simulescu, R. v. Klitzing, Polyelectrolytes and Surfactants in Thin Liquid Films, 7th Liquid Matter Conference, Lund, 2008.

27. N. Kristen, V. Simulescu, R. v. Klitzing, The effect of polyelectrolytes on stability and interactions in foam films, 17th International Symposium on Surfactants Solutions, Berlin, 2008.

28. N. Kristen, V. Simulescu, R. v. Klitzing, Effect of oppositely charged polyelectrolytes on the stability of free-standing surfactant films, Polyelectrolytes, Coimbra, Portugalia, 2008.

29. N. Kristen, V. Simulescu, R. v. Klitzing, Polyelectrolyte-surfactant interactions in foam films, DPG-Verhandlungen, CPP14: Membranes, Berlin, 2008.

30. N. Kristen, V. Simulescu, R. Makuska, R. v. Klitzing, Correlation between polyelectrolyte-surfactant interactions and forces in foam, Meeting of the German Colloid Society, Mainz, 2007.

31. V. Simulescu, R. v. Klitzing, Foam films containing polyelectrolytes, MCRTN-SOCON 3rd Project Meeting, Stockholm, 2007.

32. V. Simulescu, J. Angarska, E. Manev, Drainage and stability of thin liquids films from mixed surfactants solutions, 20th ECIS - 18th ECIC, Hungarian Academy of Sciences, Budapesta, 2006.

33. C. Vassillieff, E. Manev, B. Nickolova, V. Simulescu, Thinning of foam films of micellar surfactant solutions, 20th ECIS - 18th ECIC, Hungarian Academy of Sciences, Budapesta, 2006.

34. V. Simulescu, E. Manev, Drainage and stability of thin liquids films, MCRTN-SOCON 2nd Project Meeting, Budapesta, 2006.

35. V. Simulescu, J. Angarska, E. Manev, Drainage and stability of thin liquids films from non-ionic surfactant solutions, MCRTN-SOCON Summer School, Université de Physique des Solides, Paris, 2006.

36. V. Simulescu, S. Sauca, M. Drehe, L. Macarie, G. Ilia, Synthesis of some perfluoroacetyl phosphonic acids derivatives, Congrès SFC-EuroChem, Université Henri Poincaré, Vandoeuvre-les-Nancy, 2005.