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member of the Romanian Academy



C U R R I C U L U M V I T A E

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Personal Data

Born March 16, 1948 in Iasi, Romania; Romanian citizen

Education

B.S. (July 1971), Department of Organic and Macromolecular Chemistry,
Polytechnic Institute of Iasi, Romania
Ph.D. (June 1975), Department of Organic and Macromolecular Chemistry,
Catholic University of Louvain, Louvain, Belgium; promoter, Prof. Georges J.
Smets; topic: Polymer Induced Aggregation of Dye Molecules

Professional Experience

1971 - 1978, assistant, Department of Organic and Macromolecular Chemistry,
Polytechnic Institute of Iasi
1978 - 1990, assistant professor, Polytechnic Institute of Iasi
1990 - 1992, associate professor, Polytechnic Institute of Iasi
1992 - full professor of polymer science, Department of Macromolecules,
"Gh. Asachi" Technical University of Iasi (the former Polytechnic Institute of
Iasi)
1976 - 2000, acting head and head of research groups in the "Petru Poni"
Institute of Macromolecular Chemistry, Iasi (Romanian Academy)
1996 - 2003, head of the Department of Macromolecules, "Gh. Asachi"
Technical University of Iasi
2000 - , director, "Petru Poni" Institute of Macromolecular Chemistry, Iasi
2003 - , director of the Centre of Excellence "Polymers", "Gh. Asachi"

Technical University of Iasi
2006 - , director of the Interdisciplinary Platform (education and research) "Multifunctional polymeric materials", "Gh. Asachi" Technical University of Iasi
1991 (April - June), *visiting professor*, Universite de Haute - Alsace, Ecole Nationale Superieure de Chimie de Mulhouse, Mulhouse, France (chaire Noelting)
1992 (August - September), *associate research director* and *visiting professor*, Ecole Nationale Superieure des Mines de Paris, Centre de Mise en Forme des Materiaux, Sophia Antipolis, France
1995 (April and December), *visiting professor*, Universite du Littoral, Laboratoire de Dynamique et Structure des Materiaux Moleculaires, Dunkerque, France
1996 (February), *visiting professor*, Freiburger Materialforschungszentrum, FMF, Freiburg, Germany
1996 (May - June), *visiting professor*, Society of Polymer Science, Japan
1998 (June), 1999 (June), 2000 (June), 2001 (May), 2003 (November), 2005 (May and November), *visiting professor*, Centre of Polymer Chemistry, Zabrze, Poland
2001 (November), *visiting professor*, Universite Montpellier 2, LEMP/MAO, Montpellier, France
2005 (June), *visiting professor*, Universite d'Angers, Angers, France
2007 (May), *visiting professor*, Universite de Rouen, Rouen, France
1994 - 2007, *associate professor*, Polytechnic University of Bucuresti, Romania

Selected Awards and Memberships

The Romanian Academy Prize for Chemistry, 1985
Corresponding member of the Romanian Academy, 2000 – 2009
Full member of the Romanian Academy, 2009 –
1987 - , member of the Romanian Association of Scientists
1990 - , member of the Romanian Polymer Society
2000 - , member of the Romanian Chemical Society
2007 - , member of the European Academy of Sciences and Arts
2006 - , president of the Research Coordinating Council of the Romanian Academy
2005 – , member of the Romanian Biomaterials Society (honorary president of Iasi branch)
2006 – 2007, president of Central and East European Polymer Network
2006 – , member of the Romanian Committee for Research Infrastructure – CRIC
2009 – , founding member of the Romanian Society of Rheology

Editorial Activities

1978 – , scientific secretary of the "Memoriile Sectiilor Stiintifice" (Romanian Academy)
1990 – , member of the European Association of Science Editors
1992 – , member of the Editorial Board of "Synthetic Polymer Journal"
2001 – , member of the Editorial Board of "Revue Roumaine de Chimie" (Romanian Academy)
2004 – , member of the Editorial Board of "Carbohydrate Polymers"
2005 – , member of Editorial Board of "Materiale Plastice"
2007 – , member of the Editorial Board of "Fungi and Mycotoxins"
2007 – , member of the Editorial Board of "Environmental Engineering and Management Journal"

Other Activities

- organizer and co-organizer of different national and international meetings (including 8 France – Romania Seminars on Polymer Science)
- Romanian coordinator of international projects supported by the EC (FP 4, FP 5, FP 6 and FP 7)
- Romanian director of 15 bilateral international projects (N.S.F. a.s.o.)
- coordinator of more than 30 national grants

Present Position

Professor of polymer science, Department of Natural and Synthetic Polymers, "Gh. Asachi" Technical University of Iasi; senior researcher, "Petru Poni" Institute of Macromolecular Chemistry, Iasi

Publications

more than 280 papers (more than 200 papers in international journals)
2 books (in cooperation), book chapters
more than 90 invited lectures in Europe, USA, Canada, Japan

Research Interests

Radical polymerization and copolymerization; plasma-induced polymerization; unconventional polymerization reactions; combined polymer synthesis techniques; solution properties of ultrahigh molecular weight polymers; polysiloxanes; block copolymers; macromolecular architectures.

BOOKS/BOOK CHAPTERS

1. PROTEINE

C. I. Simionescu, B. C. Simionescu
Editura Stiintifica si Enciclopedica, Bucuresti, 1982 (110 p)

2. CHIMIE MACROMOLECULARA

C. I. Simionescu, Cl. Vasiliu Oprea, V. Bulacovschi, B. C. Simionescu,
C. Negulianu
Editura Didactica si Pedagogica, Bucuresti, 1985 (460 p)

3. Chimia si societatea contemporana STIINTA SI CONTEMPORANEITATEA

C. I. Simionescu, B. C. Simionescu
Editura Politica, Colectia Idei Contemporane, Bucuresti, 1980 (46 - 70)

4. Porphyrin - Like Compounds Genesis Under Simulated Abiotic Conditions ORIGIN OF LIFE

C. I. Simionescu, B. C. Simionescu, M. Leanca, C. Ananiescu, R. Mora
D. Reidel Publ. Comp., Y. Wolman (editor), Amsterdam, 1981 (189 - 196)

5. Chimia macromoleculara si revolutia contemporana in stiinta si tehnologie REVOLUTIILE INDUSTRIALE IN ISTORIA SOCIETATII

C. I. Simionescu, B. C. Simionescu
Editura Politica, Colectia Idei Contemporane, Bucuresti, 1981 (73 - 86)

6. Unconventional Radical Polymerizations

PLENARY AND INVITED LECTURES, IUPAC MACRO 1983
C. I. Simionescu, B. C. Simionescu
Bucuresti, 1984 (52 - 65)

7. Aspects on Synthesis and Properties of Some Anion Exchangers ION EXCHANGE PROCESSES: ADVANCES AND APPLICATIONS

C. Luca, V. Neagu, B. C. Simionescu
Royal Society of Chemistry, A. Dyer, M. J. Hudson, P. A. Williams (editori), London, 1993 (337 - 343)

8. Free Radically Initiated Ring-Opening Polymerization ENCYCLOPEDIA OF POLYMERIC MATERIALS

B. C. Simionescu, S. Morariu
CRC Press, J. C. Salamone (editor), Boca Raton, USA (1996)

9. Ultrahigh Molecular Weight Polymers

ENCYCLOPEDIA OF POLYMERIC MATERIALS
S. Ioan, M. Bercea, B. C. Simionescu, C. I. Simionescu
CRC Press, J. C. Salamone (editor), Boca Raton, USA (1996)

10. Functional Polysiloxanes

ENCYCLOPEDIA OF POLYMERIC MATERIALS
V. Harabagiu, M. Pinteala, C. Cotzur, B. C. Simionescu
CRC Press, J. C. Salamone (editor), Boca Raton, USA (1996)

11. Siloxane-Containing Polymers

ENCYCLOPEDIA OF POLYMERIC MATERIALS
B. C. Simionescu, V. Harabagiu, C. I. Simionescu
CRC Press, J. C. Salamone (editor), Boca Raton, USA (1996)

12. Polyelectrolyte Complexes Between a Weak Polyanion and a Strong Polycation with Cationic Groups in the Main Chain

PROGRESS IN ION EXCHANGE: ADVANCES AND APPLICATIONS
S. Dragan, M. Cristea, C. Luca, B. C. Simionescu

Royal Society of Chemistry, A. Dyer, M. J. Hudson, P. A. Williams (editori), London, 1997 (53 – 61)

13. An Unconventional Synthesis of Strongly Basic Anion Exchangers
PROGRESS IN ION EXCHANGE: ADVANCES AND APPLICATIONS

C. Luca, V. Neagu, G. Grigoriu, B. C. Simionescu

Royal Society of Chemistry, A. Dyer, M. J. Hudson, P. A. Williams (editori), London, 1997 (70 – 77)

14. Blends and Networks Containing Silicon-Based Polymers

HANDBOOK OF POLYMER BLENDS AND COMPOSITES, vol. 4B

V. Harabagiu, M. Pinteala, B. C. Simionescu

Rapra Technology, C. Vasile, A. K. Kulshreshtha (editori), Shawbury, 2003 (525 – 563)

15. Functional Micro- and Nanoparticles Based on Poly[(N-acylimino)ethylene]

BIOMATERIALS: FROM MOLECULES TO ENGINEERED TISSUES (Advances in

Experimental Medicine and Biology, vol. 553)

B. C. Simionescu, G. David

Kluwer Acad./Plenum Publ., N. Hasirci, V. Hasirci (editori), New York, 2004 (1 – 18)

16. FENOMENE SI PROCESE CU RISC MAJOR LA SCARA NATIONALA

Fl. Gh. Filip, B. C. Simionescu (coordinatori)

Ed. Academiei Romane, Bucuresti, 2004

17. Macromolecular and Supramolecular Architectures based on Cellulose and Cyclodextrins

NEW TRENDS IN NATURAL AND SYNTHETIC POLYMER SCIENCE

V. Harabagiu, M. Pinteala, N. Marangoci, A. Fifere, B. C. Simionescu, H. Firgo, E. Mulleder, O.

Bedue

Nova Science Publishers, Inc., C. Vasile, G. E. Zaikov (editori), New York, 2006 (55 – 67)

18. Polyrotaxanes with Cyclodextrins

NEW TRENDS IN (CO)POLYMERS AND HYBRIDS

A. Farcas, N. Marangoci, A. Fifere, M. Pinteala, V. Harabagiu, B. C. Simionescu

Nova Science Publishers, Inc., E. S. Dragan (editor), New York, 2006 (53 – 77)

PhD Theses (1994 –)

1 - Aspecte termodinamice privind comportarea in solutie a polimerilor cu mase moleculare foarte mari

ing. Maria BERCEA (1994)

2 - Studiul comportarii unor monomeri ciclici in homo- si copolimerizare

ing. Simona MORARIU (1995)

3 - Organosiloxani carbofunctionali. Sinteza si caracterizare

ing. Mariana PINTEALA (1995)

4 - Sisteme multicomponente in solutie diluata. Aspecte teoretice si experimentale

ing. Gabriela GRIGORESCU (1996)

5 - Interactiuni specifice in solutii diluate de polimeri

fiz. Catalina Elena IOAN (1996)

6 - Unele aspecte privind comportarea centrelor macromoleculare active in procese de polimerizare si copolimerizare

ing. Mioara ROPOT (1997)

doctorat in co-tutela cu Prof. Marc J. M. Abadie, Universite Montpellier II, Montpellier, Franta

- 7 - Bloc copolimeri cu secvente polietileniminice N-substituite. Sinteza, caracterizare, proprietati
ing. Vasile PARASCHIV (1997)
- 8 - Sinteza unor filme de polimeri in plasma rece. Corelatii structura - proprietati
ing. Cristinel BADEA (1998)
- 9 - Polimeri ionici. Sinteza si proprietati
ing. Violeta NEAGU (1998)
- 10 - Aspecte morfologice in sisteme polimere multifazice
fiz. Aurelia IOANID (1999)
- 11 - Complecsi polielectrolitici
ing. Mariana CRISTEA (2000)
- 12 - Rasini epoxidice mezomorfe
ing. Cristina Alice MITITELU (2001)
doctorat in co-tutela cu Dr. Patrick Navard, Ecole Nationale Superieure des Mines de Paris, CEMEF Sophia Antipolis, Franta
- 13 - Sinteza, caracterizarea si studiul fotoreticularii unor oligomeri siloxanici functionali
ing. Cristina IOJOIU (2001)
doctorat in co-tutela cu Prof. Marc J. M. Abadie, Universite Montpellier II, Montpellier, Franta
- 14 - Polimeri etileniminici. Sinteza, proprietati, aplicatii
ing. Mariana RUSA (2001)
doctorat in co-tutela cu Prof. Marc J. M. Abadie, Universite Montpellier II, Montpellier, Franta
- 15 - Polimeri ai 2-oxazolinelor-2-substituite
ing. Valentina ALUPEI (2002)
- 16 - Contributii la studiul unor polimeri si copolimeri siloxanici
chim. Voligona LUNGU (2002)
- 17 - Polisiloxani modificati. Sinteza, structura, proprietati
chim. Undina CERNENCO (2002)
- 18 - Structuri macromoleculare complexe pe baza de polimeri siloxanici
ing. Virginia EPURE (2004)
- 19 - Polielectroliti pe baza de copolimeri maleici
ing. Gabriela ALDEA (2005)
- 20 - Funcțiuni specifice in poliuretani ionomerici
ing. Mihaela-Adriana OLARU (2005)
- 21 - Ansamble supramoleculare cu secvente siliconice: sinteza, interactiuni specifice, proprietati
ing. Daniela ENESCU (2008)
- 22 - Monomeri si polimeri cu grupari fotoclivabile utilizati in microlitografie
ing. Violeta MELINTE (NICULESCU) (2008)
- 23 - Cercetari in domeniul hidrogelurilor biodegradabile
ing. Anca Mihaela DUMITRESCU (2009)

Publications / papers

1. Recherches dans le domaine des polynitrophénylacétylènes obtenus par polymérisation dans le plasma
T. Lixandru, Sv. Dumitrescu, F. Denes, B. C. Simionescu, M. Vata
Rev. Gén. Caoutchouc Plastiques, 48, 193 (1971)
2. Das Studium der Polymerisation von Azetylenderivaten. Note 10. Synthese von substituierten Polyphenylazetylenen; Aufbau und Eigenschaften
C. I. Simionescu, Sv. Dumitrescu, T. Lixandru, M. Daranga, B. C. Simionescu, M. Vata
Eur. Polym. J., 8, 719 (1972)
3. Studium der Polymerisation von Azetylenderivaten. XIV Mitt. Molekularstruktur der Monomere und der Polymere
C. I. Simionescu, Sv. Dumitrescu, T. Lixandru, S. Vasiliu, B. C. Simionescu
Plaste Kautschuk, 19, 101 (1972)
4. Polimeri orto- i para-zamescennogo fenilacetilena. Sootnoscenie mejdu rezultatami polucennimi sposobom rasceta molekuliarnih orbitalei po Hiukkeliu i experimentalnimi dannimi
C. I. Simionescu, V. Sahini, Sv. Dumitrescu, T. Lixandru, M. Daranga, B. C. Simionescu,
M. Vata, J. Weissberg
Vysokomol. Soedin., (A) XVI, 1464 (1974)
5. Polymer Induced Aggregation of Dye Molecules
B. C. Simionescu, G. Smets
Makromol. Chem., Suppl., 1, 249 (1975)
6. Phenomenes methacromatiques de polymeres acides
B. C. Simionescu
Ph D Thesis, Catholic University of Louvain, Louvain, Belgium (1975)
7. Propriétés semiconductrices des polyphénylacétylènes
B. C. Simionescu
Thesis, Catholic University of Louvain, Louvain, Belgium (1975)
8. Synthèse de quelques intermédiaires impliqués dans l' apparition des biomonomeres dans les systemes CH₄/NH₃ et CH₄/NH₃/H₂O
C. I. Simionescu, S. Dumitriu, V. Bulacovschi, B. C. Simionescu, V. I. Popa
C. R. Acad. Sci. (Paris), C 283, 515 (1976)
9. Synthèse abiotique des porphyrines: obtention de composés du type porphyrinique par la décharge de haute fréquence dans un mélange de méthane, d' ammoniac et de vapeur d' eau
C. I. Simionescu, B. C. Simionescu, R. Mora, M. Leanca, E. Ioanid
C. R. Acad. Sci. (Paris), C 284, 743 (1977)
10. Polymer Induced Aggregation of Dye Molecules. Influence of the Attachment of Dye Molecules as Side Groups
G. Smets, B. C. Simionescu
Makromol. Chem., 178, 2719 (1977)
11. Porfirinele si evolutia biosistemelor
C. I. Simionescu, R. Mora, B. C. Simionescu
Rev. Chimie, 28, 1029 (1977)
12. Modele chimique de synthese des précurseurs de la matiere vivante
C. I. Simionescu, S. Dumitriu, V. I. Popa, V. Bulacovschi, B. C. Simionescu
Rev. Roum. Chim., 23, 89 (1978)
13. Porphyrins and the Evolution of Biosystems
C. I. Simionescu, R. Mora, B. C. Simionescu
Bioelectrochem. Bioenerg., 5, 1 (1978)
14. Molekulare Reaktionen in Kalten Methan-Wasser-Plasmen und die Wirkung von UV- Bestrahlung
C. I. Simionescu, S. Dumitriu, V. Bulacovschi, V. I. Popa, B. C. Simionescu
Z. Naturforsch., 336, 390 (1978)
15. Résultats préliminaires sur la synthese abiotique des métalloporphyrines
C. I. Simionescu, B. C. Simionescu, R. Mora, M. Leanca, M. Vasilescu
C. R. Acad. Sci. (Paris), D 286, 1021 (1978)
16. Porphyrin-Like Compounds Genesis under Simulated Abiotic Conditions
C. I. Simionescu, B. C. Simionescu, R. Mora, M. Leanca
Origins of Life, 9, 103 (1978)

17. Synthèse de quelques acides monocarboxyliques en conditions abiotiques simulées
C. I. Simionescu, B. C. Simionescu, M. Leanca, R. Mora, D. Mancas
C. R. Acad. Sci. (Paris), C 288, 453 (1979)
18. Possible Prebiotic Synthesis of Some Monocarboxylic Acids According to the "Cold Theory"
B. C. Simionescu, M. Leanca, R. Mora, D. Mancas, C. I. Simionescu
Rev. Roum. Chim., 24, 1521 (1979)
19. Intramolecular Charge Transfer Complexes. 7. Radical Copolymers of 2,4-Dinitrophenyl Methacrylate with N-(2-Hydroxyethyl)-3,6-Dichlorocarbazoyl Acrylate and Methacrylate
V. Percec, A. Natansohn, V. Barboiu, B. C. Simionescu, D. Galea
Polym. Bull., 2, 505 (1980)
20. Plasma-Induced Polymerization. 1. Bulk Copolymerization of Methyl Methacrylate and Styrene
B. C. Simionescu, A. Natansohn, C. I. Simionescu
Polym. Bull., 2, 809 (1980)
21. Plasma-Induced Polymerization. 2. Bulk Copolymerization of Alpha-Methyl Styrene with Methyl Methacrylate and Acrylonitrile
B. C. Simionescu, A. Natansohn, M. Leanca, C. Ananiescu, C. I. Simionescu
Polym. Bull., 3, 247 (1980)
22. Genesis of Porphyrin-Like Compounds under Simulated Abiotic Conditions. A Possible Mechanism of Their Formation
B. C. Simionescu, R. Mora, M. Leanca, C. Ananiescu
Rev. Roum. Chim., 25, 1077 (1980)
23. Macromoleculele in natura si in cotidian
C. I. Simionescu, B. C. Simionescu
Stiinta si Tehnica, XXXI ser. II, 11, 15 (1980)
24. Plasma-Induced Polymerization. 3. Bulk and Solution Homopolymerization of Some Vinyl Monomers
B. C. Simionescu, M. Leanca, C. Ananiescu, C. I. Simionescu
Polym. Bull., 3, 437 (1980)
25. Plasma-Induced Polymerization. 4. Low Conversion Bulk Polymerization of Styrene
B. C. Simionescu, M. Leanca, S. Ioan, C. I. Simionescu
Polym. Bull., 4, 415 (1981)
26. Plasma-Induced Polymerization. 5. Bulk Copolymerization of Methacrylonitrile with Styrene
B. C. Simionescu, A. Natansohn, M. Leanca, C. Ananiescu, C. I. Simionescu
Polym. Bull., 4, 569 (1981)
27. Plasma-Induced Polymerization. 6. "Living" Macroradicals as Macromolecular Initiators
C. I. Simionescu, B. C. Simionescu, M. Leanca, C. Ananiescu
Polym. Bull., 5, 61 (1981)
28. Conformational Changes of Methacrylonitrile-Styrene Copolymers in Diluted Solutions
S. Ioan, B. C. Simionescu, C. I. Simionescu
Polym. Bull., 5, 563 (1981)
29. Plasma-Induced Polymerization. 8. The Heterogeneity of Chain Composition of Methacrylonitrile - Styrene Copolymers
B. C. Simionescu, S. Ioan, C. I. Simionescu
Polym. Bull., 6, 87 (1981)
30. Plasma-Induced Polymerization. 9. "Living" Radical Copolymerization of Methyl Methacrylate and Styrene
B. C. Simionescu, M. Popa, S. Ioan, C. I. Simionescu
Polym. Bull., 6, 415 (1982)
31. Plasma-Induced Polymerization. 10. On the Heterogeneity and Excluded Volume Effect of Methyl Methacrylate - Styrene Copolymers
S. Ioan, B. C. Simionescu, C. I. Simionescu
Polym. Bull., 6, 421 (1982)
32. Plasma-Induced Polymerization. VII. Some Characteristics of this New Method of Polymer Synthesis
C. I. Simionescu, B. C. Simionescu
Rev. Roum. Chim., 27, 141 (1982)
33. Copolymerization of Acrylonitrile with Alpha-Methyl Styrene and with Vinyl Acetate in Ethylene Carbonate and Ethylene Carbonate - Water Mixture
B. C. Simionescu, C. Ananiescu, M. Leanca, C. I. Simionescu
Acta Polym., 33, 347 (1982)
34. Thermally Stimulated Currents in Methacrylonitrile - Styrene Copolymer Films
B. C. Simionescu, E. Neagu, M. Leanca, C. I. Simionescu

- Polym. Bull.*, 8, 15 (1982)
35. Polymerization of Methyl Methacrylate Initiated with Invertase and FeCl₃ in Water
B. C. Simionescu, S. Dumitriu, C. Mihailescu, C. I. Simionescu
Polym. Bull., 8, 199 (1982)
36. Polymerization of Methyl Methacrylate Initiated with Invertase and Copper (II) Ion in Water
C. I. Simionescu, C. Mihailescu, S. Dumitriu, B. C. Simionescu
Polym. Bull., 9, 21 (1983)
37. Bulk Copolymerization of Phenylacetylene with Methacrylonitrile and with Isoprene
C. I. Simionescu, B. C. Simionescu, C. Mihailescu
Acta Polym., 34, 62 (1983)
38. Solution Properties of Ultrahigh Molecular Weight Polymers. 1. Methyl Methacrylate – Styrene 50:50 Random Copolymers
C. I. Simionescu, B. C. Simionescu, S. Ioan
Makromol. Chem., 184, 829 (1983)
39. Plasma-Induced Polymerizations and Copolymerizations
C. I. Simionescu, B. C. Simionescu
Supplement to the Proceedings of IUPAC Macro 1982, Amherst, MA, (1982)
40. Solution Properties of Ultrahigh Molecular Weight Polymers. 2. Poly(methyl methacrylate)
C. I. Simionescu, B. C. Simionescu, S. Ioan
Makromol. Chem., Rapid Commun., 4, 549 (1983)
41. Solution Properties of Ultrahigh Molecular Weight Polymers. IV. Conformational Changes of Butyl Methacrylate - Styrene Copolymers in Diluted Solutions
C. I. Simionescu, S. Ioan, B. C. Simionescu
1983 Prague Meeting on Macromolecules (Copolymers: Structure and Solution Properties), 69 (1983)
42. Kinetic Aspects of Radical Polymerization with Instantaneous Initiation and without Termination
C. I. Simionescu, S. Petrovan, B. C. Simionescu
Eur. Polym. J., 10/11, 1005 (1983)
43. Plasma-Induced Polymerizations and Copolymerizations
C. I. Simionescu, B. C. Simionescu
Chem. Zvesti, 37, 685 (1983)
44. Alternating Copolymerization of Ethyl Methacrylate and Butyl Methacrylate with Styrene in the Presence of ZnCl₂
B. C. Simionescu, V. Talmaciu, V. Barboiu, C. I. Simionescu
Polym. Bull., 10, 497 (1983)
45. Unconventional Radical Polymerizations
C. I. Simionescu, B. C. Simionescu
Pure Appl. Chem., 56, 427 (1984)
46. Solution Properties of Ultrahigh Molecular Weight Polymers. 6. Poly(butyl methacrylate)
C. I. Simionescu, B. C. Simionescu, S. Ioan
J. Polym. Sci., Polym. Lett. Ed., 23, 121 (1985)
47. Plasma-Induced Polymerization. 12. Low Conversion Bulk Homopolymerization of Methyl Methacrylate
C. I. Simionescu, B. C. Simionescu, S. Ioan, M. Leanca, C. Chelaru
Rev. Roum. Chim., 30, 441 (1985)
48. Plasma-Induced Living Radical Copolymerization
C. I. Simionescu, B. C. Simionescu, S. Ioan
J. Macromol. Sci. - Chem., A 22, 765 (1985)
49. Solution Properties of Ultrahigh Molecular Weight Polymers. 5. Conformational Changes of Butyl Methacrylate - Styrene Copolymers in Dilute Solution
C. I. Simionescu, B. C. Simionescu, S. Ioan
Macromolecules, 18, 1995 (1985)
50. Solution Properties of Ultrahigh Molecular Weight Polymers. 9. Systematic Error Sources in Light Scattering Determinations Affecting the Discussion of the Excluded Volume Effect
S. Ioan, C. Sava, B. C. Simionescu
Bul. IPI, XXXI (XXXV), fasc. supl., 117 (1985)
51. Living Radical Polymerizations
C. I. Simionescu, B. C. Simionescu
Rev. Cubana Quim., 1, 1 (1985)
52. Solution Properties of Ultrahigh Molecular Weight Polymers. 10. Viscosity of Dilute to Moderately Concentrated Poly(butyl methacrylate) Solutions
S. Ioan, B. C. Simionescu, I. Neamtu, C. I. Simionescu

- Polymer Commun.*, 27, 113 (1986)
53. On the Copolymerization Model and Microstructure of Methyl Acrylate - Styrene Radical Copolymer. Influence of ZnCl₂
C. I. Simionescu, V. Barboiu, B. C. Simionescu, V. Talmaciu, C. Sava
J. Polym. Sci.: Part A: Polym. Chem., 24, 851 (1986)
54. Solution Properties of Ultrahigh Molecular Weight Polymers. 12. Systematic Error Sources Affecting the Discussion of the Excluded Volume Effect
S. Ioan, A. Leonte, C. Sava, B. C. Simionescu, C. I. Simionescu
Acta Polym., 37, 533 (1986)
55. Solution Properties of Ultrahigh Molecular Weight Polymers (Pleistomers). 14. Solvent Effect on the Unperturbed Dimensions of Poly(butyl methacrylate) Chains
C. I. Simionescu, S. Ioan, B. C. Simionescu
Rev. Roum. Chim., 31, 995 (1986)
56. Solution Properties of Ultrahigh Molecular Weight Polymers. 11. A Viscometric Study on the Excluded Volume Effect of Poly(butyl methacrylate)
C. I. Simionescu, B. C. Simionescu, I. Neamtu, S. Ioan
Polymer, 28, 165 (1987)
57. Solution Properties of Ultrahigh Molecular Weight Polymers. 13. Viscosity-Molecular Weight Relationships and Unperturbed Dimensions of Poly(butyl methacrylate) in Various Solvents
C. I. Simionescu, S. Ioan, B. C. Simionescu
Eur. Polym. J., 23, 69 (1987)
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M. Spulber, M. Pinteala, A. Fifere, R. Ardeleanu, V. Harabagiu, B. C. Simionescu
J. Opt. Adv. Mater.
274. Inclusion Complexes of γ -Cyclodextrin and Carboxyl-modified γ -Cyclodextrin with C₆₀: Synthesis, Characterization and Controlled Release Application via Macro gels
A. Fifere, T. Budtova, E. Tarabukina, M. Pinteala, M. Spulber, C. Peptu, V. Harabagiu, B. C. Simionescu
J. Incl. Phenom. Macrocycl. Chem., sub tipar
275. Synthesis and Characterization of Polyrotaxanes based on Cyclodextrins and Viologen-modified Polydimethylsiloxanes
N. Marangoci, A. Fifere, A. Farcas, V. Harabagiu, M. Pinteala, B. C. Simionescu, A. Perichaud
High Perform. Polym., 20, 553-566 (2008)
276. Silane Covered Magnetic Particles. Preparation and Characterization

- A. Durdureanu-Angheluta, R. Ardeleanu, M. Pinteala, V. Harabagiu, H. Chiriac, B. C. Simionescu
Digest. J. Nanomaterials and Biostructures, 3, 33 – 40 (2008)
277. Determination of Binding Constants between Cyclodextrins and Sulconazole Antifungal Drug by Hildebrand-Benesty Approximation
 M. Spulber, M. Pinteala, V. Harabagiu, B. C. Simionescu, A. Fifere
Fungi & Mycotoxins 2, 152-156 (2008)
278. Spectroscopic Characterization of Host-guest Complexes between Cyclodextrins and Antifungal Drug Sulconazole
 M. Spulber, A. Fifere, M. Pinteala, V. Harabagiu, B. C. Simionescu
AAPTS Pharm.Sci. Tech.
279. Pharmacological Studies of Water Soluble Flucytosine- β -Cyclodextrin Inclusion Complex
 M. Mares, L. Miron, V. Nastasa, M. Spulber, A. Fifere, M. Pinteala, V. Harabagiu, B. C. Simionescu
Pharm. Biol., sub tipar
280. Determination of Binding Constants between Sulconazole Nitrate and Cyclodextrins by UV-VIS Spectroscopy
 M. Spulber, M. Pinteala, A. Fifere, V. Harabagiu, B. C. Simionescu
J. Incl. Phenom. Macrocycl. Chem.
281. PAV Hydrogels Charged with Antimicrobial Agents
 C. Mihailescu, F. Doroftei, C. Ibanescu, N. Marangoci, V. Bulacovschi, B. C. Simionescu
Rev. Roum. Chim.
282. Noncovalent Immobilization of Collagen on the Surface of Silanized Hydroxyapatite
 M. Olaru, B. C. Simionescu, C. Cotofana, X. Patras
Optoelectronics Adv. Mat. – Rapid Commun., 2, 726 – 729 (2008)
283. Composite Materials Based on Polydimethylsiloxane and *in situ* Generated Silica by Using the Sol-Gel Technique
 M. Alexandru, M. Cristea, M. Cazacu, A. Ioanid, B. C. Simionescu
Polym. Compos.
284. Polydimethylsiloxane/Polyurethane Crosslinked Copolymers
 A. Stanciu, V. Harabagiu, B. C. Simionescu
Eur. Polym. J.
285. Synthesis and Characterization of Chitosan/Poly(N-vinyl pyrrolidone)/Poly(ethylene glycol) Crosslinked Copolymers
 D. Enescu, V. Harabagiu, I. Stoica, B. C. Simionescu
Eur. Polym. J.
286. Liquid Crystalline Epoxy Thermosets by Curing Reaction of Aromatic Azomethine-linked Diepoxides with Diaminodiphenyl sulfone
 A. Mija, B. C. Simionescu, P. Navard, C. N. Cascaval
High. Perform. Polym.
287. Polydimethylsiloxane-modified Chitosan. I. Synthesis and Structural Characterization of Graft and Crosslinked Copolymers
 D. Enescu, V. Hamciuc, L. Pricop, Th. Hamaide, V. Harabagiu, B. C. Simionescu
J. Polym. Res. 16(1), 73-80 (2009)
288. Disperse Red 1 End Capped Oligoesters. Synthesis by Noncatalyzed Ring Opening Oligomerization and Structural Characterization
 C. Peptu, V. Harabagiu, B. C. Simionescu, G. Adamus, M. Kowalczyk, J.-M. Nunzi
J. Polym. Sci.: Part A: Polym. Chem., 47, 534 – 547 (2009)
289. Polydimethylsiloxane Modified Chitosan. Part III: Preparation and Characterization of Hybrid Membranes
 D. Enescu, V. Hamciuc, R. Ardeleanu, M. Cristea, A. Ioanid, V. Harabagiu, B. C. Simionescu
Carbohydr. Polym., 76, 268 – 278 (2009)
290. The Synthesis of Polyacrylamide-based Multi-component Hydrogels. A Neural Network Modeling
 S. Curteanu, A. Dumitrescu, C. Mihailescu, B. C. Simionescu
J. Macromol. Sci., Part A: Pure Appl. Chem., 46, 368 – 380 (2009)
291. Synthesis, Morphology, and Thermal Behavior of Polyrotaxanes Composed of γ -Cyclodextrin and Polydimethylsiloxanes
 N. Marangoci, A. Farcas, M. Pinteala, V. Harabagiu, B. C. Simionescu, T. Sukhanova, M. Perminova, A. Grigoryev, G. Gubanova, S. Bronnikov
J. Incl. Phenom. Macrocycl. Chem., 63, 355 – 364 (2009)

LECTURES / SEMINARS

1981:

- * Simpozionul organizat de Academia Romana, *Bucuresti*, 17.04
- * Al XVI-lea Congres International de Istoria Stiintei, *Bucuresti*, 26.08 – 3.09
- * Al XII-lea Congres Mendeleev, *Baku, USSR*, 21 – 26.09

1982:

- * Al IV-lea Microsimpozion de Polimerizare Radicalica, *Smolenice, Czechoslovakia*, 26 – 30.04
- * Institutul de Chimie Macromoleculara, *Prague, Czechoslovakia*, 3.05
- * Institutul Central de Cercetari Chimice, *Budapest, Hungary*, 6.05, 26.11
- * Al II-lea Seminar Iasi - Freiburg de Chimia Polimerilor, *Mamaia*, 31.08 – 1.09

1983:

- * Balkan Chemistry Days, *Varna, Bulgaria*, 17 – 19.05
- * Al 29-lea Simpozion International de Macromolecule (IUPAC), *Bucuresti*, 5 – 9.09 (*conferinta plenara*)
- * Al II-lea Seminar România - SUA de Chimia Polimerilor, *Bucuresti*, 10 – 15.09

1984:

- * Zilele Polimerilor, Editia a VIII-a, *Leipzig, Germany*, 3 – 5.04
- * Scoala Tehnica Superioara, *Merseburg, Germany*, 6.04
- * Universitatea Tehnica, *Dresden, Germany*, 10.04
- * Institutul de Chimia Polimerilor, *Teltow, Germany*, 11.04
- * Universitatea din Iena, *Jena, Germany*, 12.04
- * Institutul de Chimie Macromoleculara "P. Poni", *Iasi*, 20.06
- * Universitatea din Gand, *Gand, Belgium*, 18.09
- * Universitatea Catolica din Leuven, *Leuven, Belgium*, 20.09
- * Universitatea din Liege, *Liege, Belgium*, 24.09
- * Universitatea din Leiden, *Leiden, The Netherlands*, 25.09

1985:

- * Institutul de Chimie Macromoleculara, *Zabrze, Poland*, 20.06
- * Centrul de Studii Moleculare si Macromoleculare, *Lodz, Poland*, 25.06

1988:

- * Institutul de Cercetari Chimice, Universitatea din Kyoto, *Kyoto, Japan*, 10.08
- * Divizia de Inginerie Moleculara, Universitatea din Kyoto, *Kyoto, Japan*, 13.08
- * Departamentul de Chimie, Universitatea din Osaka, *Osaka, Japan*, 19.08
- * Al 3-lea Congres National de Chimie, *Bucuresti*, 21 – 24.09

1990:

- * Al 33-lea Simpozion International de Macromolecule (IUPAC), *Montreal, Canada*, 8 – 13.06
- * Universitatea Concordia, *Montreal, Canada*, 13.06

1991:

- * Scoala Nationala Superioara de Chimie, *Mulhouse, France*, 6.04, 12.04, 24.05
- * Simpozionul "Noi Reactii de Polimerizare si Mecanisme de Polimerizare", *Atlanta, GA, USA*, 14 – 19.04
- * Departamentul de Stiinta Macromoleculare, Universitatea Case Western Reserve, *Cleveland, OH, USA*, 23.04
- * Departamentul de Stiinta si Ingineria Polimerilor, Universitatea din Massachusetts, *Amherst, MA, USA*, 25.04
- * Centrul de Cercetari in Fizico - Chimia Suprafetelor Solide (CNRS), *Mulhouse, France*, 29.05
- * Centrul de Prelucrare a Materialelor (CNRS), *Sophia Antipolis, France*, 3.06
- * Al 33-lea Congres IUPAC, *Budapest, Hungary*, 17 – 22.08 (*conferinta key-note*)

1992:

- * Primul Simpozion de Stiinta Polimerilor, *Bucuresti*, 22 – 24.04 (*conferinta plenara*)
- * Al III-lea Seminar Iasi - Freiburg de Chimia Polimerilor, *Iasi*, 8 – 15.06
- * Centrul de Cercetari Elf - Atochem, CERDATO, *Serquigny, France*, 10.09

- * Centrul de Prelucrare a Materialelor (CNRS), *Sophia Antipolis, France*, 18.09
- 1993:**
- * Primul Seminar Franco - Roman de Polimeri, *Iasi*, 6 – 10.09
- 1994:**
- * Al 35-lea Simpozion International IUPAC de Macromolecule, *Akron, OH, USA*, 11 – 15.07
- * Departamentul de Chimie, Universitatea de Stat din Louisiana, *Baton Rouge, LA, USA*, 20.07
- 1995:**
- * Institutul de Inginerie Chimica, Universitatea din Napoli, *Napoli, Italy*, 24.03
- * Universitatea din Dunkerque, *Dunkerque, France*, 3.04, 10.04, 11.04, 18.04
- * Universitatea Pierre et Marie Curie, *Paris, France*, 6.04
- * Centrul de Cercetari Macromolecule Vegetale (CERMAV), *Grenoble, France*, 24.04
- * Institutul National de Stiinte Aplicate (INSA), *Lyon, France*, 25.04
- * Al II-lea Simpozion de Stiinta Polimerilor, *Bucuresti*, 17 – 18.05
- * A V-a Sesiune de comunicari in Stiinta Polimerilor, *Iasi*, 1 – 3.06
- * Simpozionul International "Frontiers in Polymer Science", *Iasi*, 19 – 20.06
- * Al doilea Seminar Franco - Român de Polimeri, *Eveux - L'Arbresle, France*, 9.10
- * Universitatea din Dunkerque, *Dunkerque, France*, 5.12, 7.12, 18.12, 19.12
- 1996:**
- * Centrul de Cercetari in Stiinta Materialelor, *Freiburg, Germany*, 27.02
Functional oligosiloxanes and derived copolymers
- * Institutul de Chimie Tehnologica si Macromoleculara, *Hamburg, Germany*, 25.04
Solution properties of ultrahigh molecular weight polymers
- * Universitatea Tohoku, Departamentul de Chimia Materialelor, *Sendai, Japan*, 22.05
Ultrahigh molecular weight polymers. Synthesis and solution properties
- * Universitatea din Nagoya, Departamentul de Chimie, *Nagoya, Japan*, 25.05
Polymers with N-acyliminoethylene sequences
- * A 45a Reuniune Anuala a Societatii de Stiinta Polimerilor, Japonia, *Nagoya, Japan*, 28.05
Polymers with N-acyliminoethylene sequences
- * Dainippon Ink and Chemicals, Inc., *Sakura, Japan*, 31.05
Ultrahigh molecular weight vinyl polymers
- * Reuniunea stiintifica Romano - Franceza, *Paris, France*, 5.06
Polymeres pour des technologies avancees – orientation prioritaire de la recherche scientifique en Roumanie
- * Universitatea Paris XII, Laboratorul de Fizico- Chimia Biopolimerilor, *Thiais, France*, 7.06
Quelques directions de recherche en polymeres a Iasi, Roumanie
- * Al XII-lea Simpozion Iugoslav de Chimia si Tehnologia Macromoleculilor, *Herceg Novi, Jugoslavia*, 25.09 (conferinta plenara)
Materials with new properties – a challenge for polymer synthesis
- * Universitatea de Stat a Republicii Moldova, *Chisinau, Moldavia*, 10.10, 11.10
Copolimeri bloc si grefati
Copolimeri cu secvente hidrofobe/hidrofile. Sinteza, proprietati, aplicatii
- 1997:**
- * Al treilea Seminar Franco - Român de Polimeri, *Neptun - Olimp*, 2.09 (conferinta plenara)
Quelques directions de recherche en polymeres a Iasi, Roumanie
- * Institutul de Stiinte Ingineresti Toulon - Var, *Toulon, France*, 2.12
Quelques directions de recherche en polymeres a Iasi, Roumanie
- 1998:**
- * Universitatea Evry Val d'Essonne, *Thiais, France*, 29.04
Polymeres contenant des sequences N-acyliminoethylene: synthese et applications
- * Scoala Nationala Superioara de Chimie, *Clermont Ferrand, France*, 5.05
Polymeres contenant des sequences N-acyliminoethylene et/ou siloxane: synthese et applications

- * Centrul de Chimia Polimerilor, *Zabrze, Poland*, 13.05, 14.05
Polymers with N-acyliminoethylene sequences
Polymer science in Iasi, Romania: some research directions
- * Scoala de Chimie, Universitatea din Leeds, *Leeds, Great Britain*, 30.11, 1.12, 2.12
Functional oligosiloxanes and copolymers therefrom
Polymers with N-acyliminoethylene sequences
Ultrahigh molecular weight polymers – synthesis and some solution properties
- 1999:**
- * Conferinta Internationala de Stiinta si Ingineria Materialelor (Bramat '99), *Brasov*, 3.02
(*conferinta plenara*)
Arhitecturi macromoleculare complexe – un domeniu de cercetare in plina expansiune
- * A 5-a Conferinta Internationala "Frontiere ale Polimerilor si Materialelor Avansate",
Poznan, Poland, 25.06
Siloxane and N-acyliminoethylene based copolymers obtained by combined polymer synthesis techniques
- * Centrul de Chimia Polimerilor, *Zabrze, Poland*, 28.06
Siloxane and N-acyliminoethylene based copolymers
- * Universitatea Politehnica Gdansk, *Gdansk, Poland*, 29.06
Functional oligo- and polysiloxanes
- * Al IV-lea Seminar Franco - Roman de Polimeri, *Montpellier, France*, 3.09
Specific interactions between poly(N,N-dimethyl-2-hydroxypropylene ammonium chloride) and high and low molecular weight anionic compounds
- * A XXV-a Sesiune Nationala de Chimie, *Calimanesti - Caciulata*, 8.10
Legitati si anomalii de comportare a polimerilor in solutii
- 2000:**
- * Al XXVI-lea Simpozion National de Chimie, *Calimanesti – Caciulata*, 4 – 6.10
- * Zilele Academice Iesene, Editia a 15-a, *Iasi*, 5 – 7.10
- 2001:**
- * Conferinta Internationala de Stiinta si Ingineria Materialelor (Bramat), *Brasov*, 1.03
(*conferinta plenara*)
Combined polymer synthesis techniques – a tool for new polymeric materials
- * Centrul de Chimia Polimerilor, *Zabrze, Poland*, 18.04
N-acetyliminoethylene macromonomers, block and graft copolymers
- * Departamentul de Chimie, Universitatea Tehnica din Gdansk, *Gdansk, Poland*, 19.04
Polysiloxanes with heterocyclic substituents: synthesis and applications
- * Institutul de Compusi Macromoleculari, Academia Rusa de Stiinta, *St. Petersburg, Russia*, 22.08
Research directions in polymer science in Iasi, Romania
- * Al V-lea Seminar Franco - Roman de Polimeri, *Timisoara*, 4.09
Polysiloxanes modifies avec des groupements heterocycliques: synthese et application
- * A 12-a Conferinta Internationala de Chimie si Inginerie Chimica, *Bucuresti*, 13 – 15.09
(*conferinta plenara*)
Oligomeri si polimeri in solutii diluate: teorie si experiment
- 2002:**
- * NSF Workshop – Nanomateriale, nanotehnologii, *Brasov*, 30.09 – 2.10
Polymeric nanomaterials
- * Zilele Academice Iesene, *Iasi*, 3 – 5.10
Nanomateriale macromoleculare
- 2003:**
- * Academia Romana – Filiala Iasi, *Iasi*, 7.02
Programele europene si participarea institutelor de cercetare din Romania
- * Academia de Stiinte Medicale – Filiala Iasi (UMF "Gr. T. Popa"), *Iasi*, 6.03
Programele europene – oportunitati si exigente pentru stiintele medicale
- * Academia Romana, *Bucuresti*, 7.03
Programele europene si participarea institutelor de cercetare din Romania
- * Conferinta Internationala de Stiinta si Ingineria Materialelor (Bramat), *Brasov*, 13 – 15.03 (*conferinta plenara*)

FP 6 thematic priorities and polymer science – a successful marriage

* IMT, *Bucuresti*, 9.05

FP 6 si participarea institutelor de cercetare din Romania – oportunitati si exigente

* NATO Advanced Research Workshop – Smart and Functional Organic Materials, *Bucuresti*, 10 – 15.06

Siloxane building blocks in macromolecular and supramolecular architectures

* Al VI-lea Seminar Franco - Roman de Polimeri, *Rouen, France*, 8.09

Siloxanes fonctionnels: de macromolecules lineaires aux architectures macromoleculaires et supramoleculaires complexes

* Euronet Workshop – European Networking in Micro- and Nanotechnologies – A Bridge between East and West, *Sinaia*, 29.09

The European Polysaccharides Network

* 1st Nanoforum Workshop on Nanomaterials and their Applications, *Sinaia*, 6.10

Bioapplication – oriented Macromolecular and Supramolecular Architectures

* BIOMED 2003 – 10th Biomedical Science and Technology Symposium, *METU Campus, Northern Cyprus*, 10.10

Micro- and Nanofunctional Particles based on Poly(N-acyliminoethylene)

* Royal Institute of Technology, *Stockholm, Sweden*, 4.11

Micro- and Nanofunctional Particles based on Poly(N-acyliminoethylene)

* Centrul de Chimia Polimerilor, *Zabrze, Poland*, 1.12

Micro- and Nanofunctional Particles based on Poly(N-acyliminoethylene)

2004:

* Seminarul National de Nanostiinta si Nanotehnologie, *Academia Romana, Bucuresti*, 27.01

Doreste comunitatea stiintifica romaneasca sa participe la PC 6? Oportunitati si bariere

* Physics Department, Instituto Superior Tecnico, *University of Lisbon, Lisbon, Portugal*, 6.04

Bioapplication – oriented Polymeric Materials

* “Biomacro” Meeting, *Vienna, Austria*, 7.05

Bioapplication – oriented Polymeric Materials

* *Bologna University, Bologna, Italy*, 6.06

Micro- and Nanofunctional Particles based on Poly(N-acyliminoethylene)

* Simpozionul Micro/nano-interactii si sisteme pe baza de polimeri naturali sau sintetici (editia a II-a), *Institutul de Chimie Macromoleculara “Petru Poni”, Iasi*, 1.10

Polii[(N-acylimino)etilene] – segmente constitutive pentru nanoparticule functionale

2005:

* Zilele Liceului Mihai Eminescu, *Iasi*, 14.01

Serendipitate si pseudoserendipitate – cu exemplificari din chimia organica si macromoleculara

* Masa Rotunda organizata de UNESCO – CEPES si Fundatia Elias a Academiei Romane, *Bucuresti*, 22.03

Elemente de analiza SWOT a cercetarii romanesti

* National Mobilization Workshop – Network for Nanostructured Materials for ACC, *Institutul de Fizica Tehnica, Iasi*, 24.03

Elemente de analiza SWOT a cercetarii romanesti

* 8th ESAFORM Conference on Material Forming, *Cluj - Napoca*, 27 – 29.04
(conferinta plenara)

Polymeric Materials – from Fundamental Research to Specific Applications

* “Biomacro” Meeting, *Vienna, Austria*, 7.05

From Simple Molecules to Complex Macromolecular Systems

* Centrul de Chimia Polimerilor, *Zabrze, Poland*, 17.05

“Petru Poni” Institute of Macromolecular Chemistry – Research Directions and Selected Projects

* Bilateral Symposium on Heterocyclic and Heterochain Polymers for High Performance Applications, *Iasi*, 6 – 12.06

“Petru Poni” Institute of Macromolecular Chemistry

* Simpozionul National “Cercetarea – intre cerere si oferta”, *Bucuresti*, 8.06

Disfuncionalitati in cercetarea romaneasca

* Zilele Universitatii "Petre Andrei", Iasi, 10.06

De la compusi organici simpli la arhitecturi macromoleculare complexe

* Universitatea din Angers, POMA, Angers, France, 23.06

Bioapplication – oriented Functional Polymers

* Institutul National Politehnic din Grenoble, Scoala Nationala Superioara de Electrochimie si Electrometalurgie, Grenoble, France, 8.07

Bioapplication – oriented Polymeric Materials

* 10th International Conference ERPOS – Electrical and Related Properties of Organic Solids and Polymers, Cargese, Corsica, France, 10 – 15.07

Functional Micro- and Nanoparticles Based on N-acyliminoethylene Oligomers

* International Symposium on Advanced Polymers via Macromolecular Engineering APME-6, Istanbul, Turkey, 15 – 18.08

Multifunctional Materials based on Poly(N-acyliminoethylene)

* Simpozionul "Micro/nanointeractii in sisteme de polimeri naturali si/sau sintetici", Iasi, 7.10

Cercetarea romaneasca: de ce suntem unde suntem

* Universitatea Transilvania, Brasov, 5.11

Consideratii privind cercetarea romaneasca

* Centrul de Chimie Polimerilor, Zabrze, Poland, 17.11

Ethics in Research

* Institutul de Chimie Macromoleculara "Petru Poni", Iasi, 28.11

Strategia nationala in domeniul CDI pentru perioada 2007 – 2013

* Sesiunea "Institutele Sectiei de Stiinte Chimice – excelenta prin colaborare", Academia Romana, Bucuresti, 2.12

Strategia nationala in domeniul CDI pentru perioada 2007 – 2013

* Universitatea "Petre Andrei", Iasi, 7.12

Cercetarea – intre amatorism si profesionism

* Universitatea "Al. I. Cuza", Iasi, 9.12

Strategia nationala in domeniul CDI pentru perioada 2007 – 2013

* Universitatea Tehnica "Gh. Asachi", Facultatea de Chimie Industriala, Iasi, 21.12

Strategia nationala in domeniul CDI pentru perioada 2007 – 2013. Programul "Cercetare de Excelenta"

2006:

* Simpozionul "Tendinte in evolutia industriei chimice moderne. Aportul chimiei la dezvoltarea durabila a societatii", Bucuresti, 1.06

Stiinta polimerilor – prezent si perspectiva

* Universitatea Tehnica "Gh. Asachi", Facultatea de Inginerie Chimica, Iasi, 4.09

Platforma de formare si cercetare interdisciplinara "Materiale multifunctionale inalt performante pentru medicina, farmacie, microelectronica, stocare de energie/informatii, protectia mediului"

* Simpozionul "Manufacture of the future – Romania", Iasi, 5.09

Disfuncionalitati in relatia unitati de cercetare-dezvoltare – intreprinderi mici si mijlocii

* 5th International Conference on Global Research and Education, Iasi, 25 – 28.09

Nanostructured Polymeric Materials based on Poly[(N-acylimino)ethylene]s

* Simpozionul "Micro/nanointeractii in sisteme de polimeri naturali si/sau sintetici", Iasi, 29.09

Cercetarea si etica

* 2nd Bilateral Symposium "Functional Polymers", Potsdam, Germany, 4 – 7.10

"Petru Poni" Institute of Macromolecular Chemistry – Research Directions and Selected Projects

Multifunctional Materials based on Poly[(N-acylimino)ethylene]s

* International Conference on Biomaterials and Medical Devices (BIOMMEDD '2006), Iasi, 9 – 11.11 (conferinta plenara key-note)

Biomedical Applications of Poly[(N-acylimino)ethylene]s

* Dezbateri privind starea cercetarii din Romania, Iasi, 15.11

Disfuncionalitati in cercetarea romaneasca

* University of Bologna, Ravenna Campus, *Ravenna, Italy*, 21.12

Synthetic Polymers in Restoration and Conservation

2007:

* "Biomahé" Meeting, *Vienna, Austria*, 12.05

Research in "Petru Poni" Institute of Macromolecular Chemistry

* Seminarul "Știința și arta în context contemporan", *Timisoara*, 6 – 7.07

Știința, arta, natura

* Center of Polymer and Carbon Materials, *Gliwice, Poland*, 23.07

Research in "Petru Poni" Institute of Macromolecular Chemistry

Poly[(N-acylimino)ethylene]s – versatile Building Blocks in the Preparation of Biomaterials

* 5th Conference "New Research Trends in Material Science – ARM 5", *Sibiu*, 5 – 7.09

Poly[(N-acylimino)ethylene] – based Multifunctional Materials

* Zilele Academice Iesene, *Iasi*, 7.09, Filiala Iasi a Academiei Romane

Știința polimerilor și "lumea nano"

* Romanian International Conference on Chemistry and Chemical Engineering

(RICCCE XV), *Sinaia*, 19 – 22.09

(conferința plenară)

Polymeric Materials – from Fundamental Research to Specific Applications

* Zilele Academice Iesene – Ziua usilor deschise, Institutul de Chimie Macromoleculară "Petru Poni", *Iasi*, 29.09

Știința polimerilor și "lumea nano"

* 2nd International Conference of the Chemical Society of the Republic of Moldova, *Chisinau, Republica Moldova*, 1 – 3.10

(conferința plenară)

Poly[(N-acylimino)ethylene]s – Synthesis, Properties and Applications

* Curs postuniversitar de perfecționare (ediția a VII-a), Institutul de Biologie și Patologie Celulară "Nicolae Simionescu", *București*, 22.10

Știința polimerilor și "lumea nano"

2008:

* Zilele Liceului Mihai Eminescu, *Iasi*, 15.01

Știința, arta, natura

* Curs postuniversitar, Institutul de Chimie Macromoleculară "Petru Poni", *Iasi*, 15.04

Știința polimerilor

* 2nd EURYIAS 2008, International Symposium on Self-Organization and Selection in Evolution of Matter, Molecules and Life, *București*, 29.04 – 3.05

Functional Polymers – Building Blocks for Macromolecular and Supramolecular Architectures

* Zilele Universității "Petre Andrei", *Iasi*, 29.05

Nanostiințele și lumea vie

* Institutul de Chimie Macromoleculară "Petru Poni", *Iasi*, 6.06

Nanostiințele și lumea vie

* Frontiers in Macromolecular Science – First Cristofor I. Simionescu Symposium, *Iasi*, 19 – 20.06

Functional Polymers – Building Blocks in Macromolecular and Supramolecular Architectures

* 5^{eme} Colloque Franco – Roumain de Chimie Appliquée (COFrRoCA 2008), *Bacău*, 25

–
29.06

Polymeres fonctionnels – briques pour des architectures macromoleculaires et supramoleculaires

(conferința plenară)

* Exploring Romanian Resources in Materials Research (EOARD/AFOSR), *Brasov*, 7 – 8.07

Multifunctional Polymeric Materials in the "Petru Poni" Institute of Macromolecular Chemistry (PPIMC)

(conferința key-note)

Multifunctional Hybrid Materials based on Poly[(N-acylimino)ethylene]s

* 3rd Bilateral Symposium on Functional Heterocyclic and Heterochain Polymers as Advanced Materials, *Iasi*, 2 – 6.09

Polymer Education and Research in the Next Decades – a SWOT Analysis

* 6th International Conference of the Chemical Societies of the South – Eastern European Countries, *Sofia, Bulgaria*, 10 – 14.09

Functional Polymers – Building Blocks in Macromolecular and Supramolecular Architectures

(conferinta key-note)

* Conferinta “Diaspora in cercetarea stiintifica romaneasca”, Workshop “Nanostiinta si nanotehnologie”, *Bucuresti*, 17 – 19.09

Polimeri functionali – elemente de constructie pentru arhitecturi macromoleculare si supramoleculare

* Simpozionul “Micro/nano-interactii si sisteme pe baza de polimeri naturali sau sintetici”, *Iasi*, 26.09

Invatamantul si cercetarea in domeniul polimerilor in deceniile urmatoare – o analiza SWOT

* Zilele Academice Iesene – Ziua usilor deschise, Institutul de Chimie Macromoleculara “Petru Poni”, *Iasi*, 27.09

Stiinta polimerilor si “lumea nano”

* Deschiderea anului universitar 2008 – 2009, Universitatea Tehnica “Gh. Asachi”, *Iasi*, 29.09

Chimie, natura, arta, societate,...viitor

(curs festiv)

* Seminarul “Cercetarea romaneasca – intre prezent si viitor”, *Iasi*, 24 – 25.10

Educatia si cercetarea romaneasca – intre prezent si viitor

* Curs postuniversitar de perfectionare cu participare internationala – De la Biologia Celulara si Moleculara la Medicina Secolului XXI, *Bucuresti*, 28.10

Stiinta polimerilor si medicina secolului XXI

2009:

* 1er Colloque Franco – Roumain en Chimie Moleculaire, *Toulouse, Franta*, 19 – 20.02

Functional polymers, macromolecular and supramolecular architectures

* Prelegerile Academiei, *Iasi*, 28.02

Nanostiinta, nanotehnologie, chimie

* NanoRomania 2009, *Iasi*, 2 – 5.06

Functional Polymers – Building Blocks for Macromolecular and Supramolecular Architectures