

Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) Mitachi STRAT
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E-mail mstrat@uaic.ro
Nationality Romanian
Date of birth 26.09.1938
Gender male

Present employment / position Assoc. prof. , PhD

Work experience 45 years

Dates 1963-1990; 1991-1994; 1995-2004; 2005-present
Occupation or position held Preparatory; Assistant; Lecturer, Prof. PhD. , Assoc. Prof. PhD
Name and address of employer AI I Cuza University of Iasi
Type of business or sector
Name and type of organisation AI I Cuza University of Iasi
providing education and training

Work experience

Dates 2005-present
Occupation or position held [Assoc. Prof. PhD.](#)
Name and address of employer AI I Cuza University of Iasi
Type of business or sector
Name and type of organisation AI I Cuza University of Iasi
providing education and training

Personal skills and competences

Mother tongue(s) Romanian

English, Russian

Self-assessment
European level (*)

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user

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

The grid consists of three broad levels as follows:

- Basic user (levels A1 and A2);
- Independent user (levels B1 and B2);
- *Proficient user (levels C1 and C2).*

Please replace the above example with the appropriate level you scale yourself. For example, level 1 (A, B, C) is lower than level 2 (A, B, C)

Professional skills and competences	
Organisational skills and competences	<ul style="list-style-type: none"> • Member, co-organization of several National and International Conferences, Summer Schools or Workshops. • Expertise and assessment of projects type CNCSIS, ANSTI
Teaching activities	Lasers, Optics, Spectroscopy, Environment, Physics of Plasmas ,Polymers
Scientific research activity	<ul style="list-style-type: none"> • Invited Professor (1975-1976, 3 months) at University of Greiswald. • Invited Professor, (May 2001) at l'Université de Lille 1, Laboratoire de Physique des Lasers, Atomes et Molécules. ; http://www-phlam.univ-lille1.fr/pub/f/themas/spec/anatrac/group_visitors.html • Invited Professor, (June 2002) at University of Grohnigen • 35 ISI papers; H-index 9; Sum of Times Cited 74 • Member of the European Society of Polymer Processing. • Management of 10 research project (national level)
Additional information	Assoc Prof. PhD. Mitachi STRAT has graduated the Faculty of Physics, Al. I. Cuza University, Iasi (1958 - 1963) . PhD „Environmental influence on the electronic spectra of absorption and emission of molecules poliatomice". (State University of Minsk, 1970-1973).
Appendices	Books, Articles published in ISI reviews, Articles published in non ISI reviews, Articles published in Annals of Universities, Articles published in volumes of international conferences, Articles published in national journals with referees, Papers communicated at the international conference, Papers communicated at the national conference

Appendices

Books

1. G. Strat, M. Strat, S. Gurlui, C. Focsa, D. Dimitriu, Self organization in nanomaterials, vol 5, p. 53-91, Ed. INOE, 2007
2. M. Strat, V. Spulber "Introduction to spectroscopy of condensed media", Technical Publishing House, Bucharest, 1981.
3. E. Luca, M. Strat, M. Chiriac, V. Barboi
"Structural analysis by physical methods, Romanian Academy, Bucharest
Vol II 1985
4. M. Agop, M. Strat, G. Strat, P. Nica
Nonlinearities in Materials Science and Field Theories
Published by Graphic Arts, Athens Greece, (2002)
5. M. Strat, Georgeta Strat
Lasers and Spectroscopy. Fundamentals. Theory and experiment,
Publishing University , " Al.I.Cuza" Iasi, 2001

Articles published in ISI reviews

1. G. Strat, S. Gurlui, M. Strat, A. Farcas, S. Stratulat, *Studies of the self-organization phenomena in polymer materials*, Journal of Optoelectronics and advanced materials, Vol. 10, No. 11, November p. 2854 – 2858 (2008);
2. I. Grecu, G. Strat, S. Gurlui, V. Grecu, I. Lihtetchi, M. Strat, S. Stratulat, C. Picealca, Structure and mechanical properties of nanocomposites based on polypropilene and polyethylene, Journal of Optoelectronics and advanced materials, 10, 1408 (2008);
3. G. Strat, I. Grecu, S. Gurlui, M. Strat, V. Grecu, I. Lihtetchi, S. Stratulat, Fluorescence studies of the self-organization phenomena in film state and solutions of some polyurethanes, Journal of Optoelectronics and advanced materials, 10, 1519 (2008);
4. M. Agop, P. Nica, S. Gurlui, Georgeta Strat, M. Strat, Fractal space-time and ball lightening as a self-organizing process in laser produced plasma, Journal of Optoelectronics and advanced materials, 10, 1526 (2008);
5. C. Focsa, M. Ziskind, C. Ursu, S. Gurlui, D. Pagnon, S. Pellerin, N. Pellerin, M. Dudeck, Laser - BnSiO₂ Ceramics Interaction: simulation of the energy deposition on dielectric wall surfaces in Hall thrusters, J. Optoelectron. Adv. Mater. 10 2380 (2008);
6. S. Gurlui, M. Agop, M. Strat, Georgeta Strat, Simona Bacaita and Adina Cerepaniuc, *Some experimental and theoretical results on the anodic patterns in plasma discharge*, Physics of Plasmas 13, 063503 (2006);
7. M. Strat, Silvia Vasiliu, Georgeta Strat, Cornelia Luca, Irinel Grecu, S. Gurlui, S. Stratulat, *Spectral Analysis of Degradation and Stability of Some Poly(carboxybetaine)s Polymers*, Journal of Optoelectronics and advanced materials, 8, 181 (2006);
8. S. Gurlui, M. Sanduloviciu, M. Strat, G. Strat, C. Mihasan, M. Ziskind, and C. Focsa, *Dynamic space charge structures in high fluence laser ablation plumes*, Journal of Optoelectronics and Advanced Materials, 8, 148 (2006);
9. Irinel Grecu, Georgeta Strat, S. Gurlui and M. Strat, *Photocromic properties of some diazobenzene copolymers in solutions*, Journal of Optoelectronics and Advanced Materials, 7, 929 (2005);
10. S. Gurlui, M. Agop, M. Strat, Georgeta Strat, Simona Bacaita, *Experimental and theoretical investigations of the anode double layer*, Jpn. J. Appl. Phys. 44, 3253 (2005);
11. M. Strat, Georgeta Strat, V. Scutaru, S. Gurlui and Irinel Grecu, "Optical and Dielectric Properties of New Diazobenzene Copolyethers Embedded in Polymer Matrices", Macromolecular Symposia, 212, 407 (2004);
12. M. Strat, Georgeta Strat, S. Gurlui, *Ordered plasma structures in the interspace of two independently working discharges*, Physics of Plasmas, 10, 3592 (2003);
13. M. Strat, Georgeta Strat, S. Gurlui and C. Alupeii, *The Study of the Optical Properties of Some Composite Based*

- on of Gellan and Electroactive Synthetic Polymers, Mater. Plast. 39, 202 (2002);
14. M. Strat, Georgeta Strat, S. Gurlui, *Basic processes in discharge plasma double layers*, J. Phys. D: Appl. Phys., 32, 34 (1999);
 15. M. Strat, M. Delibas, G. Strat, N. Hurduc, S. Gurlui, *Optic and Spectral Characteristics of Some Aromatic Copolyethers Embedded in Polymer Matrices*, J. Macromol. Sci. Pure Phys., 37, 387 (1998);
 16. E.C. Buruiana, T. Buruiana, G. Strat, M. Strat „*Synthesis of ionic polyurethanes with pyrene rings: Spectral properties and fluorescence quenching study*, J. Polym. Sci.:Part A: Polym. Chem. 43, 3945-3956 (2005).
 17. E. Buruiana, Mihaela Olaru, M. Strat ,Georgeta Strat, B.C.Simionescu
„*Synthesis of polyurethane cationomers with anil groups: intramolecular proton transfer in salicylideneanil structures*”
Polymer International, Vol. 54, p .000-000 (2005)
 18. Georgeta Strat, E. Buruiana, Tinca Buruiana, V.Pohoata , M.Strat
”*Fluorescence Properties of the Polyurethane with Anchored Stilbene Chromophore*”
Journal of Optoelectronics and Advanced Materials ,
vol 7, nr. 2, p. 929-932, (2005).
 19. E..Buruiana, Tinca buruiana, Georgeta Strat and M.Strat
Synthesis and Fluorescence of polyurethane cationomers n- modified with a stilbene chromophore
J. Photochemistry and Photobiology A : Chemistry,
Vol. 162, Nr.1, p.23-31 (2004)

Articles published in non ISI reviews

1. Georgeta Strat, V. Scutaru, M. Strat and S. Gurlui, “Optical and Dielectric Properties of Some Diazobenzene Copolymers in foils and Tablets”, *Electrotechnical Review*, APTADM’2001, pg. 310- 314, Wroclaw, Poland, (2001)
2. V. Scutaru, Georgeta Strat, M. Strat, I Grecu, and S. Gurlui “Thermally Stimulated Depolarization Currents in POLYETHERS WITH LIQUID PROPERTIES”, *Proceedings Supplement of Balkan Physics Letters*, vol.5, 4pagini, (2000).
3. Georgeta Strat, Irinel Grecu, M.Strat, D. Condurachi and S. Gurlui “OPTIC AND SPECTRAL CHARACTERISTICS OF SOME COPOLYMERS WITH LIQUID CRYSTAL PROPERTIES”, *Proceedings Supplement of Balkan Physics Letters*, vol.5, 4pagini, (2000).
4. M. Strat, Georgeta Strat and S Gurlui, “MULTIPLE DOUBLE LAYERS IN GLOW DISCHARGES”, *Proceedings Supplement of Balkan Physics Letters*, vol.5, 4 pagini, (2000).
5. M. Strat, Georgeta Strat and S. Gurlui, Multiple double layers. Electrical and spectral characteristics, *Proceedings Supplement of Balkan Physics Letters*, vol.5, p.1287-1290, (2000)
6. M. Strat, M. Delibas, G. Strat, N. Hurduc, S. Gurlui, “Optic and Spectral Characteristics of Some Aromatic Copolyethers and Dyes Embeded in Polimer Matrices”, *Balkan Physics Letters, Supp*, Vol.5, p.1532-1535, (1997)
7. M. Strat, G. Strat, S. Gurlui, “Multiple Double Layers in the Contact Region of the Two Independent Negative Ar. Glow Discharge”, *Balkan Physics Letters, Supp.*, vol.5, p. 1375-1378, (1997).
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1. M. Strat, Georgeta Strat, S. Gurlui, Space charge structures in contact region between two negative glow discharges, *Analele Univ Tehn de Vest Timisoara*, pag 1-9, 2002
2. M. Strat, Georgeta Strat, S. Gurlui, Optical and dielectric properties of some composites based on gellan and electroactive synthetic polymers, *Analele Univ Tehn de vest Timisoara*, pag 10-15, 2002
3. Georgeta. Strat, V.Scutaru, M.Strat, S.Gurlu, Irinel Grecu, Photochromic and Dielectric Properties of Some Diazobenzene Polymers in Foils and Tablets, *Anal.Univ.”Al. I. Cuza”Iasi, S.b Fizica*, p.47- 57, 2001
4. M. Strat, Georgeta Strat, S. Gurlui, Studies on the Interactions Between Two Ar Glow Discharges, *Anal.Univ.”Al.I.Cuza”*, Iasi, S.b Fizica, p.125- 13, 2001
5. M. Strat, Georgeta Strat, S. Gurlui, The Interactions of Two Independent Glow Discharges.Multiple Double Layers, *Anal.Univ.Al .I.Cuza, Iasi , S.b Fizica* , p.91- 99, 2000
6. M. Strat, Georgeta Strat, S. Gurlui, Spectral Study of the Plasma Double Layers, *Analele Stiintifice ale Universitatii “Al I Cuza”*, Iasi, Tomul XLIII-XLIV, s. Fizica, p91-100, 1997-1998

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1. Grecu Irinel , Georgeta Strat, Silviu Gurlui, Vasile Grecu, Ioan Lihtetchi, Mitachi Strat, Sorin Stratulat si Codruta Picealca, Proprietati mecanice si termice ale unor nanocompozite pe baza de polipropilena si polietilena, Buletinul Insitutului de Fizica, Sectia de Matematica Mecanica Teoretica Fizica, Tomul LIII (LVII), Fasc 2, p. 91 (2008).
2. Georgeta Strat, S. Gurlui , M.Strat, Irinel Grecu and I. Lihtetchi, The Study of Polymer Nanostructures by means of Absorption and Fluorescence Spectra, Buletinul Institutului Politehnic Iasi, Sectia de Matematica Mecanica Teoretica Fizica, Tom LIV (LVIII), Fasc.1, p.105 (2008)
3. Georgeta Strat, Silvia Vasiliu, Irinel Grecu, S. Gurlui and M. Strat,Spectral Analysis of Degradation and Stability of Poly(carboxybetaine) Polymers, Revista: Buletin of Polytechnical Institut of Iasi, Sectia de Matematica-Mecanica Teoretica- Fizica, Vol. LI (LV), Fasc. 1-2 , 2005.
4. S. Gurlui, M.Strat, D. Dimitriu, Georgeta Strat and Irinel Grecu," Ultra Sensibility Optical Detectors in Glow Discharge Plasmas", Revista: Buletin of Polytechnical Institut of Iasi, Sectia de Matematica-Mecanica Teoretica-Fizica, Vol. LI (LV), Fasc. 1-2, 2005.
5. Tinca Buruiana, E. Buruiana, Irinel Grecu, M.Strat and S.Gurlui " Nanostructure Agregates in Polyurethane Cationomer Films", Georgeta Strat, Revista: Buletin of Polytechnical Institut of Iasi, Sectia de Matematica-Mecanica Teoretica- Fizica, Vol. LI (LV), Fasc. 1-2, 2005.
6. Irinel Grecu, M. Strat, S. Gurlui, Georgeta Strat, Photocromic effects in solution and plzmer matrices, Anal. Univ „Dunarea de jos” din Galați, Matematică, Fizică, Mecanică Teoretică, Fascicula II, anul XXIII (XXVIII), 2005
7. M. Strat, S. Gurlui, G. Strat, D. Dimitriu - The study of the influence of the external optical radiation upon the stability of the double layers, Rom. J. Phys. 49 (2004) Nos. 1-2, pp. 81-88
8. S. Gurlui, M. Strat, G. Strat, C. Agheorghiesei - Study of the interaction of two electrical glow discharges by means the XOOPIK software, Rom. J. Phys. 49 (2004) Nos. 1-2, pp. 89-96
9. M. Strat, S. Gurlui, G. Strat, D. Dimitriu - Double layers with ionic deep, Rom. J. Phys. 49 (2004) Nos. 5-6, pp. 455-462
10. Georgeta Strat, M. Strat and S. Gurlui, Photochromic and Dielectric Properties of Some Diazobenzene Polymers in Foils and Tablets, Romanian Reports in Physics, (2002).
11. M. Strat, Georgeta Strat, S. Gurlui, OPTOGALVANIC EFFECTS IN ANODE DOUBLE LAYERS, Romanian Reports in Physics, vol 54, nr. 1-5, (2002), p. 269
12. M.Strat, Georgeta Strat, S. Gurlui, "The Study of Excitation and Ionization Processes in Plasma Double Layers", Romanian Reports in Physics, vol 54, nr. 1-5, (2002), p. 235

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1. G. Strat, I. Lihtetchi, M. Strat, S. Gurlui, V. Hurduc, *Self-organization phenomena in polymer solutions and film*, Challenges in Higher Education and Research in the 21st Century, Technical University of Sofia in the town of Sozopol, 2 June - 5 June, (2009);
2. Georgeta STRAT, S. GURLUI, M. STRAT, Aurica FARCAS, S. STRATULAT, STUDIES OF THE SELF-ORGANIZATION PHENOMENA IN POLYMER MATERIALS, 9th International, Balkan Workshop on Applied Physics, 2008
3. G. Strat, M. Strat, S. Gurlui, I. Lihtetchi, Self-Organization Phenomena in Polyurethane and Azo-Polymers, Congress and Exhibition on Advanced Materials and Processes Nürnberg, Germany, 2008
4. S. Gurlui (Sp), G. Strat, T. Buruiana, M. Strat, E. Buruiana, Fluorescence Properties of Polyurethane Cationomer Films , 05/G70, 2006, JUNIOR EUROMAT, Laussane, Elvetia
5. S. Gurlui , M. Strat, C. Picealca, I. Grecu, G. Strat, S. Stratulat, Structure and Mechanical Properties of Nanocomposites Based on Polymer Matrix, 07/G99, 2006, JUNIOR EUROMAT, Laussane, Elvetia
6. D. G. Dimitriu, S. Gurlui, M. Aflori, L. M. Ivan, International Conference PLASMA-2005, Opole, Poland, on September 6-9, 2005
7. S. Gurlui, D. Dimitriu, G. Strat, M. Strat, Study of the anode double layers: optogalvanic detetors, International Conference PLASMA-2005, Opole, Poland, on September 6-9, 2005
8. G.Strat, T.Buruiana, E.Buruiana, I.Grecu, M.Strat, S.Gurlui, Nanostructure Aggregates in Polyurethane Cationomer Films, Symposium 12, PPS-21, Polymer Processing Society, Leipzig, Germany June 19-23, CD-Proceedings, 2005
9. S. Gurlui, Mitachi Strat, Georgeta Strat and Dimitriu Dan, Double layers and the influence of the external radiation, ICNPAA 2004: Mathematical Problems in Engineering and Aerospace Sciences, The West University of Timisoara, June 2-4, 2004 (SUA)

10. M.Strat, Georgeta Strat, and S. Gurlui , Theoretical and experimental researches on the structured plasma, IV international Conference Plasma Physics& Plasma Technology, Minsk, Belarus, September, 15-19, 2003
11. Georgeta Strat, S. Gurlui and M. Strat, On the Formation of Plasma Complex Structures in Argon Glow Discharge , XXVI International Conference on Phenomena in Ionized Gases, July 15-20, 2003, Greifswald, Germany.
12. Georgeta Strat, M Strat, S. Gurlui and D. Dimitriu, Free double layers in argon glow discharges, BPU-5, Vrnjacka Banja, Serbia and Montenegro, August 25-29, CD-Proceedings , 2003
13. Georgeta Strat, M. Strat, S. Gurlui and D. Dimitriu, Optogalvanic effect in nonlinear systems, BPU-5, Vrnjacka Banja, Serbia and Montenegro, August 25-29, CD-Proceedings, 2003
14. Georgeta Strat, Irinel Grecu, M. Strat and S. Gurlui, Dielectric and photocromic properties of new diazobenzene polymers, BPU-5, Vrnjacka Banja, Serbia and Montenegro, August 25-29, CD-Proceedings, 2003
15. Georgeta Strat, M. Hancerencu, M. Popa , Irinel Grecu, M. Strat and S. Gurlui, The study of the structure and optical properties of some composite based on gellan and xanthan, BPU-5, Vrnjacka Banja, Serbia and Montenegro, August 25-29, CD-Proceedings, 2003
16. M.Strat, Georgeta Strat, and S. Gurlui, "Plasma Complex Structures in Contact Region between Two Negative Glow Discharges", SPIG, 23- 27 Aug, Sokobania, Yugoslavia, p.321-323, (2002).
17. M.Strat, Georgeta Strat, S. Gurlui and I.Grecu, "The Study of the Structures and Optical Properties of Gellan_ PVA, Gellan-PVP and Gellan- PVI Composites" Proceedings of ISE11, Melbourne, Australia, p. 426-429, (2002).
18. M. Strat, G. Strat and S. Gurlui, Plasma complex structures in contact region between two negative glow discharges, 21st SPIG (Summer School and International Symposium on the Physics of Ionized Gases) SOKOBANJA, Yugoslavia, August 26-30,p. 442-445, 2002
19. M.Strat, Georgeta Strat and S. Gurlui, "Double Layer Formation in Argon Glow Discharge "Conference of Plasma Physics and Controlled Fusion", EPS, 17-21 June 2002 ECA, Montreux, Elvetia, vol. 26 B, P-5.010 (4 pg)
20. M.Strat, Georgeta Strat, I. Grecu, S. Gurlui, "The structure and optical properties of Gellan- APV, Gellan- PVP and Gellan- PVI composites", The 6th European Conference on Applications of Polar Dielectrics, Aveiro, 2- 5 September, p. 147 (2002).
21. M.Strat, G.Strat, S. Gurlui "The study of the plasma formation which appears in the contact region between two negative glow discharges", ICPIG, 2001, p. 219-220 (4 coloane), Nagoya, Japonia
22. M. Strat, Georgeta Strat and S. Gurlui, SPECTRAL INVESTIGATION OF FREE MULTIPLE DOUBLE LAYERS, 20th SPIG, ZLATIBOR, Yugoslavia, 4 – 8 September, 2000.
23. V. Scutaru, Georgeta Strat, M. Strat, I Grecu, and S. Gurlui "Thermally Stimulated Depolarization Currents in POLYETHERS WITH LIQUID PROPERTIES", Fourth General Conference of BPU-4, Veliko Turnova, Bulgaria, 22-25 August 2000.
24. Georgeta Strat, Irinel Grecu, M.Strat, D. Condurachi and S. Gurlui "OPTIC AND SPECTRAL CHARACTERISTICS OF SOME COPOLYMERS WITH LIQUID CRYSTAL PROPERTIES", Fourth General Conference of BPU-4, Veliko Turnova, Bulgaria, 22-25 August 2000
25. M. Strat, Georgeta Strat and S Gurlui, "MULTIPLE DOUBLE LAYERS IN GLOW DISCHARGES", Fourth General Conference of BPU-4, Veliko Turnova, Bulgaria, 22-25 August 2000
26. M. Strat, Georgeta Strat and S. Gurlui, QUANTUM PROCESSES IN DISCHARGE PLASMA DOUBLE LAYER, Fourth General Conference of BPU-4, Veliko Turnova, Bulgaria, Fourth General Conference of BPU-4, Veliko Turnova, Bulgaria, 22-25 August 2000.
27. M. Strat, M. Delibas, G. Strat, N. Hurduc, S. Gurlui, "Optic and Spectral Characteristics of Some Aromatic Copolyethers and Dyes Embeded in Polimer Matrices", Fourth General Conference of BPU-4, Veliko Turnova, Bulgaria, 22-25 August 2000.
28. M. Strat, Georgeta Strat, S. Gurlui, "Free Double Layers in Ar Glow Discharges", XXIV-th International Conference on Phenomena in Ionized Gases, Warsaw, Proceedings, vol. I, P27, p. 53-57; 1999.
29. M. Strat, Georgeta Strat, S. Gurlui, "QUANTUM PROCESSES IN ANODE DOUBLE LAYERS. OPTOGALVANIC EFFECTS", 19th Summer school and International Symposium on the Physics of Ionized Gases, ZLATIBOR, Yugoslavia, August 31-September 4, 1998.

Papers communicated at the national conference

1. M. Agop, S. Gurlui, M. Strat, Fractal space time and ball lighting as a selforganizing process of a plasma interface, Conferinta Nationala de Fizica Aplicata, CNFA-2006, Iasi.
2. Irinel Grecu, Georgeta Strat, S. Gurlui, V. Grecu , I. L ihtetchi, M.Strat and S. Stratulat, Structure, Thermal and Mechanical Properties of Nanocomposites Based on Polypropylene and Polyethylene, Conferinta Nationala de Fizica Aplicata, CNFA-2006, Iasi.

3. S. Gurlui, M. Strat, Georgeta Strat, M. Ziskind, C. Focsa. Optical and electrical characterization of laser ablation plasma plumes, Conferinta de Fizica, Timisoara, 25-26 noiembrie, 2006
4. M. Strat, S. Gurlui, Georgeta Strat, S. I. Stratulat, Noi polimeri cu aplicatie in medicina, Zilele Univ. UMF-Iasi "125 ani de învățământ superior medical la Iași", 19 nov 2004
5. S. Gurlui, M. Strat, Georgeta Strat, D. Dimitriu, C. Aghiorgheiesei, ORDERED STRUCTURE PLASMA IN GLOW DISCHARGE, WORKSHOP ON FUNDAMENTAL AND APPLIED RESEARCH IN PHYSICS, "AI I Cuza" University of Iasi, Faculty of Physics, 30 octombrie 2004
6. Georgeta Strat, S. Gurlui, M. Strat and Irinel Grecu, Ultra Sensibility Optical Detectors in Glow Discharge Plasmas, Conferinta Nationala de Fizica Aplicata, Universitatea Tehnica 'Gh Asachi' Iasi, Iasi, 4 dec. 2004
7. M. Strat, I. Grecu, G. Strat and S. Gurlui, OPTICAL PROPERTIES OF SOME POLYURETHANE DERIVATIVES WITH ANCHORED BASE SCHIFF AND SILBENE CHROMOPHORES, WORKSHOP ON FUNDAMENTAL AND APPLIED RESEARCH IN PHYSICS, "AI I Cuza" University of Iasi, Faculty of Physics, 30 octombrie 2004
8. Irinel Grecu, Mariana Lihtetchi, Georgeta Strat, Silvia Vasiliu, S. Gurlui and M. Strat, Spectral Analysis of Degradation and Stability of Poly (Carboxybetaine)S Polymers, Conferinta Nationala de Fizica Aplicata, Universitatea Tehnica 'Gh Asachi' Iasi, Iasi, 4 dec. 2004
9. Georgeta Strat, Tinca Buriuiana, E. Buriuiana, Irinel Grecu, M. Strat and S. Gurlui, Nanostructure Aggregates in Polyurethane Cationomer Films, Conferinta Nationala de Fizica Aplicata, Universitatea Tehnica 'Gh Asachi' Iasi, Iasi, 4 dec. 2004
10. M. Strat, S. Gurlui, Georgeta Strat, S. I. Stratulat, Noi polimeri cu aplicatie in medicina, Zilele Univ. UMF-Iasi "125 ani de învățământ superior medical la Iași", 19 nov 2004,
11. M. Strat, S. Gurlui, Georgeta Strat and D. Dimitriu, DOUBLE LAYERS. NEW SPECTRAL AND ELECTRICAL INVESTIGATIONS, *Workshop on Fundamental and Applied Research in Physics*, Faculty of Physics, Iași, nov. 2003, Romania.
12. S. Gurlui, D. Dimitriu, Georgeta Strat and M. Strat, Instability of a double layer under the influence of the external optical radiation, Physics Conference, TIM-03, Timisoara, 28-29 noiembrie, 2003
13. S. Gurlui, M. Strat, Georgheta Strat and C. Aghiorgheiesei, The study of the free multiple double layer using the XOOPIK software, Physics Conference, TIM-03, Timisoara, 28-29 noiembrie, 2003
14. Irinel Grecu, N. Hurduc, Georgeta Strat, S. Gurlui and M. Strat, Photochromic properties of some diazobenzene copolymers in solution, Physics Conference, TIM-03, Timisoara, 28-29 noiembrie, 2003
15. M. Strat, Georgeta Strat, S. Gurlui, Plasma complex structures in contact region between two negative glow discharges, Conferinta nationala de Fizica si tehnologii moderne, Iasi, 2002
16. M. Strat, Georgeta Strat, V. Scutaru, S. Gurlui and Irinel Grecu, Optical and dielectric properties of new diazobenzene copolyethers embedded in polymer matrices, Conferinta nationala de Fizica si tehnologii moderne, Iasi, 2002
17. M. Strat, Georgeta Strat, S. Gurlui, "The study of the plasma formation which appears in the contact region between two glow discharges", "XIth CONFERENCE ON PLASMA PHYSICS AND APLICATIONS, ROMANIA, Constanta, Sept.6-9, p.79- 82, 2001
18. M. Strat, Georgeta Strat and S. Gurlui, The study of excitation and Ionization Processes on Plasma Double Layers by means spectral methods, Conferinta nationala de Fizica, Iasi, 2001
19. V. Scutaru, M. Strat, Georgeta Strat, Irinel Grecu, S. Gurlui, Optical and dielectric properties of some diazobenzene polymers, Conferinta nationala de Fizica, Iasi, 2001
20. Irinel Grecu, M. Strat, S. Gurlui, Study of the Structure of some diazobenzene polymers with crystal liquid properties, Conferinta nationala de Fizica, Iasi, 2001
21. M. Strat, Georgeta Strat, S. Gurlui, Researches on the dynamics and formation of the multiple double layers, Conferinta Nationala de Fizica, Constanta, 16-18 septembrie 1998
22. M. Strat, Georgeta Strat, S. Gurlui, Studies on the dynamics of the double layers in the case of interactions with electromagnetic radiatiion, Conferinta Nationala de Fizica, Constanta, 16-18 septembrie 1998

November 1st, 2011