

International Conferences, Congresses, Seminars and Schools

Oral presentations – 28 (7 first author, 21 co-author)

Poster presentations – 87 (40 first author, 47 co-author)

115. “*Implant-type bioceramic coatings synthesized from various low-cost sustainable biological-derived resources: physical-chemical properties and in vitro biofunctional performance*”, **L. Duta**, oral presentation at Workshop CETAL, National Institute for Lasers, Plasma and Radiation Physics, Magurele, Romania, July 17th - 18th, 2018;
114. “*Lithium-doped biological hydroxyapatite coatings for biomedical applications*”, **L. Duta**, A.C Popescu, G.E. Stan, G. Popescu-Pelin, P.E. Florian, A. Roseanu, I. Zgura, F.N. Oktar, poster presentation (F.P1.27) at EMRS Spring Meeting Symposium F – Biomaterials and nanomedicine - Advanced biomaterials: elaboration, nanostructure, interfaces with tissues, Convention Center of Strasbourg, France, June 18th – 22nd, 2018;
113. “*Physico-chemical and biological evaluation of synthetic and lithium-doped biological hydroxyapatite coatings obtained by PLD*”, G. Popescu-Pelin, G. Stan, S. Ciuca, F.N. Oktar, A. Achim, A. Berbecaru, **L. Duta**, poster presentation (F.P2.27) at EMRS Spring Meeting Symposium F – Biomaterials and nanomedicine - Advanced biomaterials: elaboration, nanostructure, interfaces with tissues, Convention Center of Strasbourg, France, June 18th – 22nd, 2018;
112. “*Mechanical, optical and structural properties of aluminum nitride synthesized by Pulsed Laser Deposition*”, L. Kolaklieva, V. Chitanov, K. Antonova, P. Terziyska, A. Szekeres, P. Petrik, Zs. Fogarassy, A. Romanenko, **L. Duta**, I. N. Mihailescu, poster presentation (X.PI.16) at EMRS Spring Meeting Symposium X – Material processing and characterization - Photon-assisted synthesis and processing of materials in nano-microscale, Convention Center of Strasbourg, France, June 18th – 22nd, 2018;

- 111.** “*Lithium-doped biological-derived hydroxyapatite coatings synthesized by pulsed laser deposition for biomedical applications*”, Paula E. Florian, A.C. Popescu, G.E. Stan, G. Popescu-Pelin, I. Zgura, F.N. Oktar, Livia Elena Sima, Anca Roseanu, **Liviu Duta**, poster presentation (P 22) – selected for oral presentation – at "The Annual International Conference of the Romanian Society of Biochemistry and Molecular Biology", Romanian Academy Library, Heliade Radulescu Amphitheatre, Bucharest, September 5th – 7th, 2018;
- 110.** “*Novel biocompatible lithium-doped hydroxyapatite coatings with antimicrobial activity synthesized by Pulsed Laser Deposition*”, **L. Duta**, M.C. Chifiriuc, G. Popescu-Pelin, C. Bleotu, G.P. Gradisteanu, A.C. Popescu, V. Craciun, poster presentation (D.P.18) at EMRS Fall Meeting Symposium D – Layered, hybrid and biomaterials - Multifunctional advanced composite materials: from idea to market, Warsaw University of Technology, Poland, September 17th – 20th, 2018;
- 109.** “*Pulsed laser deposition of biocompatible lithium-doped biological-derived hydroxyapatite coatings with antimicrobial properties*”, **L. Duta**, M.C. Chifiriuc, G. Popescu-Pelin, C. Bleotu, G.P. Gradisteanu, A.C. Popescu, V. Craciun, poster presentation (T9-P2) at "12th International Conference on Physics of Advanced Materials (ICPAM-12)", Heraklion, Greece, September 22nd – 28th, 2018;
- 108.** “*Optical and mechanical properties of aluminum nitride nanostructured thin films synthesized by pulsed laser deposition at different temperatures*”, K. Antonova, A. Szekeres, L. Kolaklieva, V. Chitanov, H. Stroescu, M. Gartner, **L. Duta**, I.N. Mihailescu, poster presentation at „Twentieth International Summer School on Vacuum, Electron and Ion Technologies (VEIT)”, Sozopol, Bulgaria, 25th–29th September, 2017;
- 107.** “*Simple and reinforced biological-derived hydroxyapatite coatings for metallic implants*”, **L. Duta**, G.E. Stan, A.C. Popescu, P.E. Florian, G. Popescu-Pelin, V. Grumezescu, A. Achim, M. Enculescu, I. Zgura, F.N. Oktar, A. Roseanu, poster presentation at „15th Conference & Exhibition of the European Ceramic Society (ECerS2017)”, Budapest, Hungary, 9th–13th July, 2017;

- 106.** “*Physical-chemical characterization and biological assessment of bovine derived hydroxyapatite thin films synthesized by pulsed laser deposition for a new generation of metallic implants*”, Paula E. Florian, Andrei C. Popescu, George E. Stan, Gianina Popescu-Pelin, M. Enculescu, Irina Zgura, Faik N. Oktar, Livia E. Sima, Anca Roseanu, **Liviu M. Duta**, poster presentation at Annual International Conference of Romanian Society of Biochemistry and Molecular Biology (RSBMB), Timisoara, Romania, 8th–9th June, 2017;
- 105.** “*Physical, chemical and in vitro assessment of biological-derived HA thin films for a new generation of metallic implants*”, **L. Duta**, G.E. Stan, A.C. Popescu, G. Popescu-Pelin, A. Achim, M. Enculescu, I. Zgura, P.E. Florian, A. Roseanu, F.N Oktar, poster presentation (X P_1.27) at EMRS Spring Meeting, Symposium X „New frontiers in laser interaction: from hard coatings to smart materials”, Strasbourg Convention Center, France, 22nd–26th May, 2017;
- 104.** “*TEM and AFM Studies of AlN films synthesized by Pulsed Laser Deposition*”, Zs. Fogarassy, P. Petrik, **L. Duta**, G. Stan, I.N. Mihailescu, M. Anastasescu, M. Gartner, K. Antonova, A. Szekeres, poster presentation (X P_1.20) at EMRS Spring Meeting, Symposium X „New frontiers in laser interaction: from hard coatings to smart materials”, Strasbourg Convention Center, France, 22nd–26th May, 2017;
- 103.** “*Structure and biocompatibility properties of hydroxyapatite coatings deposited by pulsed laser technique*”, Sorin Ciuca, **Liviu Duta**, Andrei Berbecaru, Mihai Branzei, Ruxandra Paunescu-Dumitrescu, Olivia Dobrica, Ioana Gherghescu, oral presentation at „6th International Conference on Materials Science and Technology (ROMAT2016)”, Bucharest, Romania, 9th – 12th November, 2016;
- 102.** “*In vitro investigations of highly adherent biological hydroxyapatite thin films for a new generation of implants*”, G. Popescu-Pelin, G.E. Stan, A.C. Popescu, V. Grumezescu, M. Enculescu, C. Besleaga, I. Zgura, P.E. Florian, L.E. Sima, A. Roseanu, F.N Oktar, I.N. Mihailescu, **L. Duta**, poster presentation (P–22) at International symposium „Priorities of Chemistry for a Sustainable Development” (PRIOCHEM, 12th edition), Bucharest, Romania, October 27th – 28th, 2016;

101. “*The effect of a “seed” layer upon multi-stage Pulsed Laser Deposition of Aluminum Nitride structures at different substrate temperatures*”, **Liviu-Marian Duta**, Hermine Maria Stroescu, George Stan, Mihai Anastasescu, Măriuca Gartner, Zsolt Fogarassy, Anna Szekeres and Ion Mihăilescu, poster presentation (S05-P10) at International Conference of Physical Chemistry (ROMPHYSICHEM 16), „Dunarea de Jos” University of Galati, Romania, September 21st – 23rd, 2016;
100. “*In vitro assessment of reinforced biological hydroxyapatite thin films for implantology applications*”, **L. Duta**, A.C. Popescu, G.E. Stan, G. Popescu-Pelin, I.N. Mihailescu, P.E. Florian, L.E. Sima, A. Roseanu, F.N. Oktar, poster presentation (P84) at 10th International Conference on Photoexcited Processes and Applications (ICPEPA-10), Brasov, Romania, August 29th – September 2nd, 2016;
99. “*Pulsed laser deposition of simple and reinforced biological hydroxyapatites for medical applications*”, **Liviu Duta**, Jeanina Lungu, George Stan, Andrei Popescu, Gianina Popescu-Pelin, Carmen Ristoscu, Faik Oktar, Ion Mihailescu, poster presentation (S2 P20) at 16th International Balkan Workshop on Applied Physics, Constanta, Romania, July 7th – 9th, 2016;
98. “*Mechanical testing of diamond-like carbon double-layered films synthesized by pulsed laser deposition*”, A.C. Popescu, **L. Duta**, C. Popescu, D. Cristea, V. Craciun, poster presentation (C.PII.29) at EMRS Spring Meeting Symposium C – Laser-material interactions for tailoring future applications, Lille, France, May 2nd–6th, 2016;
97. “*Effect of deposition temperature upon multi-stage Pulsed Laser Deposition of Aluminum Nitride structures*”, **L. Duta**, G.E. Stan, M. Anastasescu, H. Stroescu, M. Gartner, Zs. Fogarassy, S. Bakalova, N. Mihailescu, A. Szekeres, I.N. Mihailescu, A.C. Popescu, poster presentation (C.PI.35) at EMRS Spring Meeting Symposium C – Laser-material interactions for tailoring future applications, Lille, France, May 2nd–6th, 2016;
96. “*Comparative study between biological and synthetic hydroxyapatite thin films obtained by PLD for a new generation of implants*”, **L. Duta**, G.E. Stan, V. Grumezescu, C. Popescu, poster presentation (C.PII.39) at EMRS Spring Meeting Symposium C – Laser-material interactions for tailoring future applications, Lille, France, May 2nd–6th, 2016;

95. “*Functionalization of ultra-high molecular weight polyethylene acetabular cups with bioactive glass coatings synthesized by PLD*”, **L. Duta**, G. E. Stan, A. C. Popa, A. C. Popescu, poster presentation (C.PII.40) at EMRS Spring Meeting Symposium C – Laser-material interactions for tailoring future applications, Lille, France, May 2nd–6th, 2016;
94. “*The influence of thickness upon the biocompatibility of Titanium Nitride thin films synthesized by Pulsed Laser Deposition*”, **L. Duta**, G.E. Stan, A.C. Popa, A.C. Popescu, poster presentation (C.PI.34) at EMRS Spring Meeting Symposium C – Laser-material interactions for tailoring future applications, Lille, France, May 2nd–6th, 2016;
93. “*Highly adherent biological hydroxyapatite thin films reinforced with various oxides and metals for implantology applications*”, **L. Duta**, G.E. Stan, G. Popescu-Pelin, F.N. Oktar, N. Mihailescu, I.N. Mihailescu, A.C. Popescu, poster presentation (C.PII.39) at EMRS Spring Meeting Symposium C – Laser-material interactions for tailoring future applications, Lille, France, May 2nd–6th, 2016;
92. “*Orientation of the nanocrystallites in AlN thin film determined by FTIR spectroscopy*”, K. Antonova, Anna Szekeres, **L. Duta**, G.E. Stan, N. Mihailescu, I.N. Mihailescu, poster presentation (P3-1) at “Light in Nanoscience and Nanotechnology (LNN 2015)”, Hissar, Bulgaria, October 20th-22th, 2015;
91. “*Structural, optical and vibrational properties of nanostructured aluminum nitride films synthesized by multi-stage pulsed laser deposition*”, **L. Duta**, G.E. Stan, M. Anastasescu, H. Stroescu, M. Gartner, Zs. Fogarassy, N. Mihailescu, C. Luculescu, S. Bakalova, A. Szekeres, I.N. Mihailescu, poster presentation (PC-16) at “Nineteenth International Summer School on Vacuum, Electron and Ion Technologies (VEIT)”, Sozopol, Bulgaria, September 21st-25th, 2015;
90. “*SE method applied on thin films analysed with two different computer softwares – challenges and difficulties*”, H. Stoescu, M. Anastasescu, P. Terzyska, **L. Duta**, N. Mihailescu, A. Szekeres, M. Gartner, oral presentation at “7th International Workshop Advanced optical and X-ray characterization techniques of multifunctional materials for information and communication technologies, sensing and renewable energy

applications", Institute of Physical Chemistry "Ilie Murgulescu", Bucharest, Romania, September 16th-18th, 2015;

89. *"Multi-stage pulsed laser deposition of Aluminium Nitride films: Effect of deposition temperature"*, **L. Duta**, G.E. Stan, M. Anastasescu, H. Stroescu, M. Gartner, Zs. Fogarassy, N. Mihailescu, A. Szekeres, S. Bakalova, I.N. Mihailescu, oral presentation at "7th International Workshop Advanced optical and X-ray characterization techniques of multifunctional materials for information and communication technologies, sensing and renewable energy applications", Institute of Physical Chemistry "Ilie Murgulescu", Bucharest, Romania, September 16th-18th, 2015;
88. *"Structural and mechanical properties of DLC coatings synthesized by pulsed laser deposition"*, **Liviu Duta**, A.C. Popescu, C. Popescu, B. Bitu, A. Husanu, C. Himcinschi, G.E. Stan, V. Craciun, Penka Terziyska, A.Szekeres, poster presentation (F.31) at Symposium F, EMRS Fall Meeting, Warsaw University of Technology, Poland, September 15th-18th, 2015;
87. *"Titanium surfaces coated with carbon and silver nanoparticles inhibit colonization and biofilm formation of Gram positive bacteria"*, M. Hussien, A.M. Holban, G. Socol, M. Popa, C. Bleotu, N. Mihailescu, **L. Duta**, G. Stan, V. Lazar, C. Hapenciuc, I. Negut, C. Ristoscu, I. Mihailescu, M.C. Chifiriuc, poster presentation at "The 6th EMBO meeting advancing the life sciences", Birmingham, United Kingdom, September 5th-8th, 2015;
86. *"Matrix-Assisted Pulsed Laser Evaporation of lignin addition to simple and silver-doped hydroxyapatite thin films: structural and biological evaluation"*, N. Mihailescu, C. Ristoscu, A. Janković, S. Eraković, I.N. Mihailescu, G. E. Stan, **L. Duta**, A. Visan, A. C. Popa, M. A. Husanu, C. Bleotu, M. C. Chifiriuc, C. R. Luculescu, V. V. Srdić, Dj. Janačković, V. Mišković-Stanković, poster presentation (P.4.11) at International Conference "New Trends in Sensing- Monitoring- Telediagnosis for Life Sciences (NT SMT-LS)", Brasov, Romania, 3-5 September, 2015;
85. *"Morphological and structural characterisation of Carbon thin films synthesized by Matrix Assisted Pulsed Laser Evaporation for medical applications"*, **L. Duta**, C. Ristoscu, E. Axente, A. Visan, I. N. Mihailescu, poster presentation (II.P.8.) at "11th

International Conference on Optics “Micro- to Nano-Photonics IV” (ROMOPTO), Bucharest, Romania, September 1st-4th, 2015;

84. “*Nanostructured thin films of reinforced hydroxyapatite with MgF₂ and MgO transferred by pulsed laser deposition*”, N. Mihailescu, G. E. Stan, M. C. Chifiriuc, C. Bleotu, **L. Duta**, I. Urzica, C. Luculescu, F. N. Oktar, I. N. Mihailescu, poster presentation (II.P.2.) at “11th International Conference on Optics “Micro- to Nano-Photonics IV” (ROMOPTO), Bucharest, Romania, September 1st-4th, 2015;
83. “*Laser processing and immobilisation of TiO₂/graphene oxide (GO)/noble metal nanocomposite materials*”, A. Datcu, **L. Duta**, A. Perez del Pino, C. Logofatu, A. Duta, E. Gyorgy, oral presentation (O1) at “11th International Conference on Optics “Micro- to Nano-Photonics IV” (ROMOPTO), Bucharest, Romania, September 1st-4th, 2015;
82. “*Smart technology for soft pulsed laser transfer of organic and biological compound*”, I.N. Mihailescu, C. Ristoscu, G. Socol, G.E. Stan, **L. Duta**, I. Negut, A. Visan, invited lecture at „Smart Engineering of New Materials (SENM)” Conference, Lodz, Poland, June 23rd-25th, 2015;
81. “*Morphological and structural characterization of Carbon thin films synthesized by Matrix Assisted Pulsed Laser Evaporation for medical applications*”, **Duta L.**, Ristoscu C., Axente E., Visan A., Mihailescu I.N., oral presentation at „Smart Engineering of New Materials (SENM)” Conference, Lodz, Poland, June 23rd-25th, 2015;
80. “*Hard protective Co-doped DLC films synthesized by PLD for cutting and drilling tools*”, C. Popescu, **L. Duta**, G. Socol, G.E. Stan, M. Husanu, S. Iordache, I. Stamatina, C. Himcinschi, V. Craciun, A.C. Popescu, poster presentation (EE-PI 32) at Symposium EE, EMRS Spring Meeting, Lille, France, May 11th -15th, 2015;
79. “*Highly adherent biological hydroxyapatite thin films grown by Pulsed Laser Deposition for a new generation of implants*”, **L. Duta**, G.E. Stan, N. Serban, F.N. Oktar, I. N. Mihailescu, poster presentation (CC.PI 54) at Symposium CC, EMRS Spring Meeting, Lille, France, May 11th -15th, 2015;
78. “*In-vitro biological assessment of ultra-high molecular weight polyethylene acetabular cups functionalized with bioactive glass coatings by pulsed laser deposition*”, **L. Duta**,

G.E. Stan, A.C Popescu, A.C. Popa, F. Miculescu, I.N. Mihailescu, poster presentation (CC.PI 51) at Symposium CC, EMRS Spring Meeting, Lille, France, May 11th -15th, 2015;

77. “*Ag:hydroxyapatite coatings with antifungal activity synthesized by pulsed laser deposition on Ti and Ti modified by TiO₂ nanotubes substrates*”, A. Visan, S. Erakovic, A. Jankovic, C. Ristoscu, **L. Duta**, N. Mihailescu (Serban), G.E. Stan, M. Socol, O. Iordache, I. Dumitrescu, C.R. Luculescu, I.N. Mihailescu, Dj. Janackovic, V. Miskovic-Stankovic, poster presentation (CC.PI 35) at Symposium CC, EMRS Spring Meeting, Lille, France, May 11th -15th, 2015;

76. “*Structural and biological characterization of lignin incorporation to simple and silver-doped hydroxyapatite coatings synthesized by matrix-assisted pulsed laser evaporation*”, A.Visan, A. Janković, S. Eraković, C. Ristoscu, N. Mihailescu (Serban), **L. Duta**, G.E. Stan, A.C. Popa, M.A. Husanu, C.R. Luculescu, V.V. Srdić, Dj. Janačković, V. Mišković-Stanković, C. Bleotu, M.C. Chifriuc, I.N. Mihailescu, poster presentation (CC.PI 33) at Symposium CC, EMRS Spring Meeting, Lille, France, May 11th -15th, 2015;

75. “*Photocatalytic nanocomposite materials grown by matrix assisted pulsed laser evaporation*”, A. Datcu, **L. Duta**, A. Perez del Pino, C. Luculescu, C. Logofatu, A. Enesca, A. Duta, E. Gyorgy, oral presentation (CC.32) at Symposium CC, EMRS Spring Meeting, Lille, France, May 11th -15th, 2015;

74. “*Multi-stage pulsed laser deposition of Aluminum Nitride at different temperatures*”, **L. Duta**, G.E. Stan, M. Anastasescu, H. Stroescu, M. Gartner, N. Mihailescu, C. Luculescu, S. Bakalova, A. Szekeres, I.N. Mihailescu, poster presentation (CC.PI 46) at Symposium CC, EMRS Spring Meeting, Lille, France, May 11th -15th, 2015;

73. “*Fabrication and characterizations of pure and doped hydroxyapatite coatings for medical applications*”, A. Visan, S. Erakovic, A. Jankovic, C. Ristoscu, **L. Duta**, N. Mihailescu (Serban), G.E. Stan, M. Socol, O. Iordache, I. Dumitrescu, C.R. Luculescu, I.N. Mihailescu, Dj. Janackovic, V. Miskovic-Stankovic, poster presentation at 4th International Colloquium “Physics of Materials” (PM-4), University „Polytechnica” of Bucharest, Bucharest, Romania, November, 13th-14th, 2014;

72. “*Pure and doped hydroxyapatite thin films synthesized by pulsed laser deposition for metal implant coatings*”, A. Visan, S. Erakovic, A. Jankovic, C. Ristoscu, **L. Duta**, N. Mihailescu (Serban), G.E. Stan, M. Socol, O. Iordache, I. Dumitrescu, C.R. Luculescu, I.N. Mihailescu, Dj. Janackovic, V. Miskovic-Stankovic, oral presentation (O.10) at 5th International Student Conference on Photonics (ISCP), Orastie, Romania, September 23rd-26th, 2014;
71. “*Transparent conductive oxides grown by combinatorial PLD technique*”, G. Popescu-Pelin, D. Craciun, V. Craciun, G. Socol, A. C. Galca, A. Visan, C.R. Luculescu, A. Stanculescu, M. Socol, N. Stefan, E. Axente, **L. Duta**, C.N. Mihailescu, V. Sava, Ion N. Mihailescu, poster presentation (P.23) at 5th International Student Conference on Photonics (ISCP), Orăștie, Romania, September 23rd-26th, 2014;
70. “*Hard DLC protective coatings synthesized by Pulsed Laser Deposition*”, A.C. Popescu, **L. Duta**, C. Nita, G.E. Stan, C Popescu, M. Husanu, B. Bitu, R. Ghisleni, C. Himcinschi, A. Surdu, oral presentation (6 20) at Symposium G, EMRS Fall Meeting, Warsaw University of Technology, Poland, September 15th-19th, 2014;
69. “*Multilayered AlN thin films synthesized on silicon substrates by pulsed laser deposition at different temperatures*”, **L. Duta**, S. Bakalova, G.E. Stan, N. Mihailescu, A. Szekeres, I. N. Mihailescu, poster presentation (2.13) at 18th International School on Condensed Matter Physics, St. Constantine & Helena, Varna, Bulgaria, September 1st-6st, 2014;
68. “*DLC hard protective coatings synthesized by Pulsed Laser Deposition*”, C. Nita, **L. Duta**, G.E. Stan, C. Popescu, V. Craciun, M. Husanu, B. Bitu, R. Ghisleni, C. Himcinschi, A. C. Popescu, oral presentation (G.I 2) at Symposium G, EMRS Spring Meeting, Lille, France, May 26-30th, 2014;
67. “*Er and Eu doped TiO₂ thin films grown by matrix assisted pulsed laser evaporation from colloidal solutions: structure and optical properties*”, **L. Duta**, C. Nita, I. Camps, R. Serna, M. Borlaf, M. T. Colomer, R. Moreno, A. Pérez del Pino, C. Logofatu, E. György, poster presentation (JP.XI 26) at Symposium J, EMRS Spring Meeting, Lille, France, May 26-30th, 2014;

66. “*Light emitting TiO₂: Eu thin films produced by matrix assisted pulsed laser evaporation from colloidal sols*”, I. Camps, **L. Duta**, C. Nita, E. György, M. Borlaf, R. Serna, C. Logofatu, M. T. Colomer, R. Moreno, poster presentation (IP3. 10) at Symposium I, EMRS Spring Meeting, Lille, France, May 26-30th, 2014;
65. “*Transfer by pulsed laser deposition of biological hydroxyapatite thin films doped with MgF₂, MgO and Ti*”, N. Mihailescu, G. E. Stan, **L. Duta**, F. N. Oktar, M. Sopronyi, C. Luculescu, M. C. Chifiriuc, C. Ristoscu, I. N. Mihailescu, poster presentation (JP.VIII 50) at Symposium J, EMRS Spring Meeting, Lille, France, May 26-30th, 2014;
64. “*Synthesis of biological hydroxyapatite thin films by pulsed laser deposition*”, **L. Duta**, G.E. Stan, N. Serban, F.N. Oktar, I.N. Mihailescu, poster presentation (JP.VIII 21) at Symposium J, EMRS Spring Meeting, Lille, France, May 26-30th, 2014;
63. “*Morphological, structural and biological characteristics of ultra-high molecular weight polyethylene acetabular cups functionalized with bioactive glass coatings by pulsed laser deposition*”, **L. Duta**, G.E. Stan, A.C Popescu, A.C. Popa, F. Miculescu, I.N. Mihailescu, poster presentation (JP.VIII 20) at Symposium J, EMRS Spring Meeting, Lille, France, May 26-30th, 2014;
62. “*Matrix Assisted Pulsed Laser Evaporation synthesis of biomimetic nanocrystalline apatite coatings for biomedical applications*”, A. Visan, D. Grossin, N. Stefan, **L. Duta**, F.M. Miroiu, G.E. Stan, M. Sopronyi, C. Luculescu, M. Freche, O. Marsan, C. Charvilat, S. Ciuca, I.N. Mihailescu, poster presentation (JP.VIII 5) at Symposium J, EMRS Spring Meeting, Lille, France, May 26-30th, 2014;
61. “*Matrix Assisted Pulsed Laser Evaporation synthesis of biomimetic nanocrystalline apatite coatings with applications in medicine*”, A. Visan, D. Grossin, N. Stefan, **L. Duta**, F.M. Miroiu, G.E. Stan, M. Sopronyi, C. Luculescu, M. Freche, O. Marsan, C. Charvilat, S. Ciuca, I.N. Mihailescu, oral presentation (O5) at International Conference "Modern laser applications" Fourth Edition, Bran, Romania, 19-23rd May, 2014;
60. “*Laser assembling of thin bioceramic and biocomposite films on titanium utilizing Pulsed laser deposition (PLC) and Matrix-assisted pulsed laser evaporation (MAPLE) techniques*”, Sanja Eraković, Ana Janković, Carmen Ristoscu, **Liviu Duta**, Natalia

Serban, Anita Visan, George E. Stan, Catalin Luculescu, Djordje Janacković, Ion N. Mihailescu, Vesna Mišković-Stanković, oral presentation at „12th Young Researchers' Conference – Materials Science and Engineering (12YRC)”, SASA Institutes, Belgrade, Serbia, December 11-13th, 2013;

59. “*Pure and doped hydroxyapatite thin films synthesized by advanced laser techniques for metal implant coatings*“, A. Jankovic, N. Serban, **L. Duta**, S. Erakovic, C. Ristoscu, G.E. Stan, A. Visan, C. Luculescu, M.C. Chifiriuc, V. Miskovic-Stankovic, I.N. Mihailescu, oral presentation (O.4.7) at the „25th Symposium and Annual Meeting of the International Society for Ceramics in Medicine (Bioceramics 25)”, Bucharest, Romania, November 07-10th, 2013;
58. “*Titanium mesh implants biofunctionalized with hydroxyapatite thin films by pulsed laser deposition*“, **L. Duta**, G.E. Stan, A.C. Popescu, I.N. Mihailescu, I. Poata, A. Chiriac, poster presentation (P21) at the „25th Symposium and Annual Meeting of the International Society for Ceramics in Medicine (Bioceramics 25)”, Bucharest, Romania, November 07-10th, 2013;
57. “*Biomimetic nanocrystalline apatite coatings synthesized by Matrix Assisted Pulsed Laser Evaporation for medical applications*“, A.Visan, D. Grossin, N. Stefan, **L. Duta**, F. M. Miroiu, M. Sopronyi, F. Miculescu, M. Freche, C. Charvilat, O. Marsan, S. Ciuca, I.N. Mihailescu, oral presentation (O.4.6) at the „25th Symposium and Annual Meeting of the International Society for Ceramics in Medicine (Bioceramics 25)”, Bucharest, Romania, November 07-10th, 2013;
56. “*VIS/IR spectroscopy of AlN/Si thin films grown by pulsed laser deposition at 400°C and 800°C and various N₂ pressure*“, S. Bakalova, A. Szekeres, M. Anastasescu, M. Gartner, **L. Duta**, G. Socol, C. Ristoscu, I. N. Mihailescu, oral presentation (OP-6) at „18th International Summer School on Vacuum, Electron and Ion Technologies (VEIT)”, Sozopol, Bulgaria, October 7-11th, 2013;
55. “*Synthesis and characterization of anion doped and noble metal loaded TiO₂ photocatalysts*“, **L. Duta**, C. Popescu, A. Popescu, C. Logofatu, A. Duta, E. György poster presentation (P2-80) at the „12th International Conference on laser Ablation (COLA)”, Ischia, Italy, October 6-11th, 2013;

54. *“Influence of a hydrophobin buffer layer on the structuring and antimicrobial properties of ZnO thin films synthesized by PLD on textile materials”*, **L. Duta**, A.C. Popescu, G.E. Stan, G. Dorcioman, I. Pasuk, I. Dumitrescu, I.N. Mihailescu, oral presentation (W09-K7) at „International Conference of Physical Chemistry (ROMPHYSICHEM)”, 15th Edition, Bucharest, Romania, September 11-13th, 2013;
53. *“Biomimetic nanocrystalline apatite coatings synthesized by matrix assisted pulsed laser evaporation for medical applications”*, A. Visan, D. Grossin, N. Stefan, **L. Duta**, F. M. Miroiu, M. Sopronyi, F. Miculescu, M. Freche, C. Charvilat, O. Marsan, S. Ciuca, I. N. Mihailescu, oral presentation at „10th International Student Conference of the Balkan Physical Union (ISCBPU)”, Istanbul University, Faculty of Science, Istanbul, Turkey, September 3-5th, 2013;
52. *“Optimization of deposition conditions for synthesis of hard carbon thin films with high adherence and low surface energy”*, C. Nita, A.C. Popescu, G.E. Stan, C. Popescu, **L. Duta**, V. Craciun, M. Husanu, B. Bitu, poster presentation (PP-27-SON) at „10th International Student Conference of the Balkan Physical Union (ISCBPU)”, Istanbul University, Faculty of Science, Istanbul, Turkey, September 3-5th, 2013;
51. *“Silver/hydroxyapatite coating on pure and anodized titanium obtained by pulsed laser deposition”*, S. Eraković, A. Janković, C. Ristoscu, **L. Duta**, N. Serban, A. Visan, I.N. Mihailescu, G.E. Stan, M. Socol, O. Iordache, I. Dimitrescu, C.R. Luculescu, Dj. Janačković, V. Mišković-Stanković, poster presentation (P.S.E.12) at „15th Annual Conference (YUCOMAT)”, Herceg Novi, Montenegro, September 2-6th, 2013;
50. *“Biomimetic nanocrystalline apatite coatings synthesized by Matrix Assisted Pulsed Laser Evaporation for medical applications”*, A.Visan, D. Grossin, N. Stefan, **L. Duta**, F. M. Miroiu, M. Sopronyi, F. Miculescu, M. Freche, C. Charvilat, O. Marsan, S. Ciuca, I.N. Mihailescu, poster presentation (S4 P13) at the „13th International Balkan Workshop on Applied Physics and Materials Science (IBWAP)”, Constanta, Romania, July 4-6th, 2013;
49. *“Finishing treatment of textile materials with ZnO thin films or particles. Boost of antimicrobial efficiency in presence of hydrophobins”*, **L. Duta**, A.C. Popescu, G.E.

Stan, I.N. Mihailescu, poster presentation (P.III-30) at “E-MRS Spring Meeting”, Symposium O, Strasbourg, France, May 27-31st, 2013;

48. “*Biofunctional, adherent hydroxyapatite thin films applied by Pulsed Laser Deposition onto titanium mesh implants for cranioplasty applications*”, **L. Duta**, G.E. Stan, A.C. Popescu, I.N. Mihailescu, I. Poeata, A. Chiriac, poster presentation (V.PI 38) at “E-MRS Spring Meeting”, Symposium V, Strasbourg, France, May 27-31st, 2013;
47. “*Doped biological hydroxyapatite thin films synthesized by Pulsed Laser Deposition for a new generation of implants*”, **L. Duta**, G.E. Stan, F.N. Oktar, N. Serban, I.N. Mihailescu, poster presentation (V.PI 37) at “E-MRS Spring Meeting”, Symposium V, Strasbourg, France, May 27-31st, 2013;
46. “*Pure and doped hydroxyapatite thin films synthesized by advanced laser techniques for metal implant coatings*”, A. Jankovic, N. Serban, **L. Duta**, S. Erakovic, C. Ristoscu, G.E. Stan, A. Visan, C. Luculescu, M.C. Chifiriuc, V. Miskovic-Stankovic, I.N. Mihailescu, poster presentation (V.PI 35) at “E-MRS Spring Meeting”, Symposium V, Strasbourg, France, May 27-31st, 2013;
45. “*CdS/CdTe/ZnTe thin-film solar cells fabricated by Pulsed Laser Deposition*”, G. Socol, M. Socol, N. Stefan, E. Axente, G. Popescu-Pelin, D. Craciun, **L. Duta**, I. N. Mihailescu, A. Stanculescu, D. Visan, A. C. Galca, M. Jelinek, V. Craciun, poster presentation (V.PI 16) at “E-MRS Spring Meeting”, Symposium V, Strasbourg, France, May 27-31st, 2013;
44. “*Nanostructured thin films of doped hydroxyapatite with MgF₂, MgO or Ti transferred by pulsed laser deposition*”, N. Serban, **L. Duta**, F.N. Oktar, G.E. Stan, C. Luculescu, G. Popescu-Pelin, I.N. Mihailescu, poster presentation (V.PI 36) at “E-MRS Spring Meeting”, Symposium V, Strasbourg, France, May 27-31st, 2013;
43. “*PLD deposited thin films on titanium modified by TiO₂ nanotubes*”, S. Erakovic, A. Jankovic, C. Ristoscu, **L. Duta**, N. Serban, A. Visan, G. Stan, M. Socol, C.R. Luculescu, I.N. Mihailescu, V. Miskovic-Stankovic, poster presentation (SS-O-18) at “4th Regional Symposium on Electrochemistry South East Europe (RSE-SEE)”, Ljubljana, Slovenia, May 26-30th, 2013;

42. “*Finishing treatment of textile materials with ZnO thin films or nanoparticles. Influence of a hydrophobic buffer layer*”, **L. Duta**, A.C. Popescu, G.E. Stan, G. Dorcioman, I. Dumitrescu, I.N. Mihailescu, poster presentation (P28) at International Conference “Modern Laser Applications (INDLAS)”, 3rd Edition, Bran, Romania, May 20-24th, 2013;
41. “*Biomimetic nanocrystalline apatite coatings synthesized by Matrix Assisted Pulsed Laser Evaporation for medical applications*”, A. Visan, D. Grossin, N. Stefan, **L. Duta**, F. M. Miroiu, M. Sopronyi, F. Miculescu, M. Freche, C. Charvilat, O. Marsan, S. Ciuca, I.N. Mihailescu, poster presentation (P29) at International Conference "Modern Laser Applications (INDLAS)", 3rd Edition, Bran, Romania, May 20-24th, 2013;
40. “*Doped biological hydroxyapatite thin films synthesized by Pulsed Laser Deposition*”, **L. Duta**, G.E. Stan, F.N. Oktar, N. Serban, I. N. Mihailescu, poster presentation (P27) at International Conference "Modern Laser Applications (INDLAS)", 3rd Edition, Bran, Romania, May 20-24th, 2013;
39. “*ZnO nanopowders evaluation by an Evanescent Light Method*”, N. Mirchin, I. Lapsker, A. Peled, **L. Duta**, G. Dorcioman, A.C. Popescu, I.N. Mihailescu, poster presentation at “Nanocomposites of inorganic fullerenes/nanotubes, their characterization, properties & testing (COINAPO 2012)” International Conference, The David Lopatie Conference Center, Weizmann Institute of Science, Israel, November 19-21st, 2012;
38. “*A possible new thin coating solution for scratch resistance improvement of femoral head of total hip prosthesis*”, Capitanu L., Mirescu R., Badita L., Florescu V., **Duta L.**, Mihailescu I.N., oral presentation at “International Scientific Conference of the Society of Bulgarian Tribologist (BULTRIB’)", devoted to the 80th anniversary of Prof. DSc Nyagol Manolov, Sofia, Bulgaria, October 19-20th, 2012;
37. “*The failure uncemented hip replacements from fracture stem prosthesis*”, Capitanu L., Mirescu R., Florescu V., Badita L., **Duta L.**, Mihailescu I.N., Bursuc D.C., oral presentation at “International Scientific Conference of the Society of Bulgarian Tribologist (BULTRIB’)", devoted to the 80th anniversary of Prof. DSc Nyagol Manolov, Sofia, Bulgaria, October 19-20th, 2012;
36. “*Hydrophobic, antibacterial and antifungal textile materials finished with ZnO nanostructures*”, A. Popescu, G. Dorcioman, **L. Duta**, C. Popescu, O. Iordache, I.

- Dumitrescu, G. Stan, I. Pasuk, I.N. Mihailescu, poster presentation at “Nanobelgrade Conference”, Belgrade, Serbia, September 26-28th, 2012;
35. „*ZnO nanostructures obtained by pulsed laser technologies: hydrophobic and antibacterial properties*”, Ion N. Mihailescu, Carmen Ristoscu, Andrei Popescu, **Liviu Duta**, oral presentation at “7th International Conference on Surfaces, Coatings and Nano-Structured Materials (NANOSMAT)”, Prague, Czech Republic, September 18-21, 2012;
34. „*Bioactive glass coatings synthesized by pulsed laser deposition*”, A.C. Popescu, C. Popescu, **L. Duta**, R. Mustata, D. Janackovic, V. Craciun, I.N. Mihailescu, oral presentation at “E-MRS Fall Meeting”, Symposium D, Warsaw University of Technology, Poland, September 17-21st, 2012;
33. „*Adherent hydroxyapatite thin films synthesized by Pulsed Laser Deposition onto titanium implants*”, **L. Duta**, F.N. Oktar, G.E. Stan, D. Craciun, G. Popescu-Pelin, N. Serban, A.C. Popescu, I.N. Mihailescu, poster presentation at “E-MRS Fall Meeting”, Symposium D, Warsaw University of Technology, Poland, September 17-21st, 2012;
32. „*Hydroxyapatite thin films synthesized by Pulsed Laser Deposition and radio Frequency-Magnetron Sputtering onto titanium mesh implants*”, **L. Duta**, G.E. Stan, G. Socol, A.C. Popescu, F.M. Miroiu, I.N. Mihailescu, A. Ianculescu, A. Chiriac, I. Poeta, poster presentation at International Conference „Micro- to Nano-Photonics III (ROMOPTO)”, Bucharest, Romania, September 3-6th, 2012;
31. „*Compositional assay of steels by laser induced breakdown spectroscopy and spark optical emission spectroscopy*”, A. C. Popescu, E. Mothe, C. Popescu, **L. Duta**, D. Craciun, V. Craciun, I. N. Mihailescu, J. Hermann, I. Pencea, E. C. Sfat, A. Bodea, poster presentation at “E-MRS Spring Meeting”, Symposium V, Strasbourg, France, May 19-23rd, 2012;
30. „*Morpho-structural and tribological characterization of TiN films synthesized by PLD*”, **L. Duta**, L. L. Badita, L. Capitanu, G. Popescu-Pelin, C.R. Luculescu, N. Serban, S. Moga, D. Negrea, I. N. Mihailescu, poster presentation at “E-MRS Spring Meeting”, Symposium U, Strasbourg, France, May 19-23rd, 2012;

29. „*Characterization of novel doped hydroxyapatite thin films obtain by Pulsed Laser Deposition*”, **L. Duta**, F.N. Oktar, G.E. Stan, G. Popescu-Pelin, N. Serban, C. Luculescu, I. N. Mihailescu, poster presentation at “E-MRS Spring Meeting”, Symposium V, Strasbourg, France, May 19-23rd, 2012;
28. “*Hydroxyapatite thin films synthesized by pulsed laser techniques for biomedical applications*”, **L. Duta**, seminary at “Nanotechnology and Biomaterials Application and Research Center”, Marmara University, Istanbul, Turkey, September 21st, 2011;
27. “*Pulsed Laser Deposition of Transparent Conductive Oxide thin films on flexible substrates*”, G. Socol, M. Socol, N. Stefan, E. Axente, G. Pelin, D. Craciun, **L. Duta**, C.N. Mihailescu, I. N. Mihailescu, A. Stanculescu, D. Visan, A. C. Galca, V. Craciun, poster presentation at “E-MRS Fall Meeting”, Symposium A, Warsaw University of Technology, Poland, September 19-23rd, 2011;
26. „*IT-SOFC electrolyte behavior subjected to the laser beam irradiation*”, A.M. Ionascu, I. Mercioniu, **L. Duta**, I. Mihailescu, P.V. Notingher, N. Popescu – Pogriion, poster presentation at “European Congress and Exhibition on Advanced Materials and Processes”, Montpellier, France, September 12-15th, 2011;
25. “*Optical, structural and electrical properties of transparent conductive Nd:TiO₂ thin films obtained by Pulsed Laser Deposition*”, G. Socol, **L. Duta**, N. Stefan, E. Axente, C.N. Mihailescu, G. Popescu, C. Galca, C. Luculescu, M. Socol, A. Stanculescu, D. Craciun, I. N. Mihailescu, V. Craciun, poster presentation at “E-MRS Spring Meeting”, Symposium D, Nice, France, May 09-13th, 2011;
24. “*Study of electrodes - electrolytes systems for IT-SOFC applications*”, **L. Duta**, G. Dorcioman, A. Popescu, I. N. Mihailescu, P.Nita, I. Mercioniu, I. Bibicu, S. Constantinescu, N. Popescu–Pogriion, poster presentation at “E-MRS Spring Meeting”, Symposium X, Nice, France, May 09-13th, 2011;
23. “*Morpho-structural and biological investigations of ZnO – hydrophobins nanostructured thin films obtained by PLD and impregnation on 56% cotton/44% polyester fabrics*”, **L. Duta**, G. Dorcioman, A. Popescu, I. N. Mihailescu, A.M.

- Mocioiu, I. Dumitrescu, C. Panzaru, M. Danciu, poster presentation at “E-MRS Spring Meeting”, Symposium K, Nice, France, May 09-13th, 2011;
22. “*Nanostructured adherent hydroxyapatite thin films synthesized by PLD and RF-MS onto cranioplasty titanium mesh implants*”, **L. Duta**, G.E. Stan, G. Socol, F. Sima, I.N. Mihailescu, L.E. Sima, S.M. Petrescu, A. Ianculescu, A. Chiriac, I. Poata, poster presentation at “E-MRS Spring Meeting”, Symposium P, Nice, France, May 09-13th, 2011;
21. „*The influence of the angular two-photon absorption coefficient anisotropy in thermal fields for laser-solid interaction*”, Ion N. Mihailescu, Camelia Avadanei, **Liviu Duta**, Mihai Oane, Gabriela Florescu, Constantin Oproiu, poster presentation at “International Congress Laser Bucharest”, National Military Palace, Bucharest, Romania, November 11-13th, 2010;
20. „*Pulsed Laser Deposition of Transparent Conductive Oxide thin films on flexible substrates*”, G. Socol, F. Stanculescu, M. Socol, N. Stefan, E. Axente, C.N. Mihailescu, I. N. Mihailescu, D. Craciun, G. Pelin, **L. Duta**, C.R. Luculescu, C. Galca, A. Stanculescu, V. Craciun, poster presentation at “3rd International Symposium on Transparent Conductive Materials (TCM 2010)”, Analipsi/Hersonissos, Crete, Greece, October 17-21th, 2010;
19. “*Functional ZnO - hydrophobins hybrid thin films applied by PLD and impregnation on cotton/polyester fibers*”, I. Dumitrescu, A.M. Mocioiu, C. Radulescu, A. C. Popescu, G. Dorcioman, **L. Duta**, I. N. Mihailescu, M. Danciu, C. Panzaru, L. Surdu, oral presentation at International Conference “Application of Nanotechnologies for Textiles (TEX TEH III)”, Bucharest, Romania, October 7-8th, 2010;
18. „*Study of polyethylene nanolayers by evanescent light microscopy*”, S.A Popescu, B. Apter, N. Mirchin, U. Gorodetsky, I. Lapsker, A. Peled, **L. Duta**, G. Dorcioman, A. Popescu, C. Ristoscu, I. N. Mihailescu, poster presentation at “7th International Conference on Photo-Excited Processes and Applications (ICPEPA-7)”, Danmark, August 15-20th, 2010;

17. *"Increased bioactivity of cranio-spinal implants functionalized with hydroxyapatite nanostructured coatings: morpho-structural characterization and in-vitro evaluation"*, **L. Duta**, F. Sima, I.N. Mihailescu, G.E. Stan, D.A. Marcov, L.E. Sima, S.M. Petrescu, A. Ianculescu, A. Chiriac, I. Poata, invited lecture in plenary session of „Advanced Technologies for Enhanced Quality of Life (AT-EQUAL)” International Conference, Iasi, Romania, July 15-18th, 2010;
16. *„ZnO nanoparticles and thin films deposited on hydrophobic textile material substrates for biomedical applications"*, **L. Duta**, A.C. Popescu, G. Dorcioman, I. N. Mihailescu, G.E. Stan, I. Zgura, I. Enculescu, I. Dumitrescu, poster presentation at „Technological Innovations in Detection and Sensing of Chem.-Bio-Radiological-Nuclear and Ecological Terrorism”, NATO-ASI School, Chisinau, Moldova, June 07-17th, 2010;
15. *"In vivo histointegration study of surface-coated titanium implants"*, D.A. Maris, Maria Maris, M. Maris, **L. Duta**, A. C. Popescu, Gabriela Dorcioman, Natalia Serban, I. N. Mihailescu, S. Croitoru, I. Popovici, poster presentation at “E-MRS Spring Meeting”, Symposium B, Strasbourg, June 07-11th, 2010;
14. *„Growth of IZO films by the Combinatorial Pulsed Laser Deposition Technique"*, G. Socol, **L. Duta**, C. Mihailescu, F. Sima, D. Craciun, V. Craciun, poster presentation at “E-MRS Spring Meeting”, Symposium R, Strasbourg, June 07-11th, 2010;
13. *"Functional hydrophobic and antibacterial textile materials covered with ZnO nanoparticles"*, A.C. Popescu, G. Dorcioman, **L. Duta**, I. N. Mihailescu, G.E. Stan, I. Zgura, I. Enculescu, I. Dumitrescu, oral presentation at “E-MRS Spring Meeting”, Symposium B, Strasbourg, June 07-11th, 2010;
12. *„Morphology of polyethylene nanolayers: a study by Evanescent Light Microscopy"*, Igor Lapsker, Nina Mirchin, Uri Gorodetsky, Simona Popesku, Aaron Peled, **Liviu Duta**, Gabriela Dorcioman, Andrei Popescu, Ion N. Mihailescu, poster presentation at the “14th Israel Materials Engineering Conference (IMEC-14)”, Tel-Aviv, Israel, December 13-14th, 2009;

11. „*Morphology of polyethylene nanolayers: a study by Evanescent Light Microscopy*”, Lapsker I., Mirchin N., Gorodetsky U., Popescu S. A., Peled A., **Duta L.**, Dorcioman G., Popescu A., Mihailescu I. N., poster presentation at the “Second Mediterranean conference on nano photonics (MediNano-2)”, Athens, Greece, October 26-27th, 2009;
10. „*Hydroxyapatite thin films synthesized by pulsed laser deposition and magnetron sputtering on PMMA substrates for medical applications*”, G. Socol, A. M. Macovei, F. Miroiu, N. Stefan, **L. Duta**, G. Dorcioman, I. N. Mihailescu, S. M. Petrescu, G. E. Stan, D. A. Marcov, A. Chiriac, I. Poeata, poster presentation at “E-MRS Spring Meeting”, Symposium M, Strasbourg, June 08-12th, 2009;
9. “*Bioglass nanostructures used as coatings for biomimetic metallic implants*”, **L. Duta**, A. Popescu, C. Popescu, F. Sima, C. Ristoscu, I. N. Mihailescu, L. Sima, S. Petrescu, D. Tanaskovic, D. Janakovic, poster presentation at “3rd International Conference on Biomaterials and Medical Devices (BiomMedD’)”, Bucharest, Romania, November 13-16th, 2008;
8. “*Implant-like structures metallic substrate/biofunctional glasses films synthesized by pulsed laser deposition*”, A. Popescu, C. Ristoscu, F. Sima, G. Dorcioman, C. Popescu, **L. Duta**, I. N. Mihailescu, R. Mustata, S. Petrescu, D. Tanaskovic, Dj. Janackovic, poster presentation at “Advanced Laser Technologies (ALT)” International Conference, Hungary, October 13-16th, 2008;
7. “*Synthesis of functionalized polyethyleneglycol thin structures by Matrix Assisted Pulsed Laser Evaporation usable as carrying agent in Drug Delivery Systems*”, C. Popescu, R. Cristescu, A. Popescu, S. Grigorescu, **L. Duta**, D. Mihaiescu, T. Buruiana, A. Andronie, I. Stamatina, G. Caraene, R. Albulescu, Ion N. Mihailescu, poster presentation at “1st International School on Laser-surface interactions for new materials production: tailoring structure and properties”, San Servolo Island - Venice, Italy, July 13-20th, 2008;
6. “*Porous biopolymer synthesis by matrix assisted pulsed laser evaporation for controlled drug delivery applications*”, A. Popescu, R. Cristescu, **L. Duta**, C. Cojanu, D. Mihaiescu, T. Buruiana, I. Stamatina, I. Mihailescu, poster presentation at “Nanostructured Materials for Advanced Technological Applications” International School, Sozopol, Bulgaria, June 1-13th, 2008;

5. *“Bioactive and biocompatible nanostructured glass coatings synthesized by pulsed laser deposition”*, **L. Duta**, A. Popescu, F. Sima, C. Ristoscu, C. Cojanu, I. Mihailescu, R. Mustata, L. Sima, S. Petrescu, D. Tanaskovic, Dj. Janakovic, poster presentation at “Nanostructured Materials for Advanced Technological Applications” International School, Sozopol, Bulgaria, June 1-13th, 2008;
4. *“Functionalized Polyvinyl Alcohol Derivatives Thin Films for Controlled Drug Release and Targeting Systems: Laser Deposition and Morphological, Chemical and In Vitro Characterization”*, R. Cristescu, C. Popescu, A. Popescu, S. Grigorescu, **L. Duta**, I.N. Mihailescu, G. Caraene, R. Albuiescu, L. Albuiescu, A. Andronie, I. Stamatina, A. Ionescu, D. Mihaiescu, T. Buruiana, D.B. Chrisey, poster presentation at “E-MRS Spring Meeting”, Symposium B, Strasbourg, May 26-30th, 2008;
3. *“Laser Processing of Polyethylene Glycol Derivative and Block Copolymer Thin Films”*, R. Cristescu, C. Popescu, A. Popescu, S. Grigorescu, **L. Duta**, A. Andronie, O.S. Ionescu, D. Mihaiescu, T. Buruiana, I. Stamatina, I.N. Mihailescu, D.B. Chrisey, poster presentation at “E-MRS Spring Meeting”, Symposium B, Strasbourg, May 26-30th, 2008;
2. *“Biocompatible and bioactive nanostructured glass coatings synthesized by pulsed laser deposition”*, A. Popescu, F. Sima, **L. Duta**, C. Cojanu, R. Mustata, S. Petrescu, D. Tanaskovic, D. Janackovic, I. N. Mihailescu, oral presentation at “E-MRS Spring Meeting”, Symposium B, Strasbourg, May 26-30th, 2008;
1. *“Bioglass coatings synthesized by pulsed laser deposition”*, **L. Duta**, oral presentation at International Conference “Modern Laser Applications (INDLAS)”, 2nd Edition, Bran, Romania, May 20-23th, 2008;

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2. *“Matrix assisted pulsed laser evaporation technique for deposition of hidrosoluble thin film polimers for advanced applications”*, R. Cristescu, G. Socol, T. Buruiana, G. C. Chitanu, R. Piticescu, F. Miroiu, C. Popescu, A. Ghita, **L. Duta**, Ion N. Mihailescu, poster presentation at “Hidrosoluble polimers for advanced applications”, Iasi, Romania, April 14–17th, 2008.

1. *“Nanostructurate biopolimer thin films obtained by MAPLE techinique for applications in farmaceutical industry”*, C. Cojanu, R. Cristescu, A. Popescu, **L. Duta**, I.N. Mihailescu, G. Caraene, R. Albulescu, T. Buruiana, I. Stamatina, poster presentation at “Micro/nano – interactions and natural and synthetic based polimer systems Symposium”, VIth Edition, Iasi, Romania, September 28th, 2007;