

ANEXA 7. Comunicări științifice prezentate la conferințe internaționale

1. M. Braic, Biomedical applications of TiZr-based metallic thin films, prezentata la 7th International Conference "Biomaterials, Tissue Engineering & Medical Devices"-BIOMMEDD'2016, Constanta, Romania, septembrie, 2016
2. M. Dinu, M. Badea, M. Braic, A. Vladescu, M. Moga, V. Braic, E. Posna, A. Kiss, Investigation of the Ag doped hydroxyapatite as antibacterial coatings, prezentata la 7th International Conference "Biomaterials, Tissue Engineering & Medical Devices"-BIOMMEDD'2016, Constanta, Romania, septembrie, 2016
3. D. Vrâncianu, A.V. Koptioug, A. Vladescu, M. Braic, R. Surmenev, M.A. Surmenev, A. Berbecaru, C.M. Cotrut, Biofunctionalization of porous Ti6Al4V with HAp coatings obtained by electrochemical assisted deposition, prezentata la 7th International Conference "Biomaterials, Tissue Engineering & Medical Devices"-BIOMMEDD'2016, Constanta, Romania, septembrie, 2016
4. A. Vladescu, T. Petreus, N. Forna, F. Baci, M. Dinu, D.M. Vranceanu, C.M. Cotrut, Biocompatible inorganic coatings based on Zr nitrides and oxynitrides in multilayer structure used as adhesion layers in metalceramic restorations, prezentata la 7th International Conference "Biomaterials, Tissue Engineering & Medical Devices"-BIOMMEDD'2016, Constanta, Romania, septembrie, 2016
5. A. Vladescu, L. Braic, I. Titorencu, V. Pruna, M. Dinu, Fractal analysis of the surface texture of the hydroxyapatite coatings used for biomedical applications, prezentata la 7th International Conference "Biomaterials, Tissue Engineering & Medical Devices"-BIOMMEDD'2016, Constanta, Romania, septembrie, 2016
6. C.M. Cotrut, M. Dinu, F. Baci, D.M. Vranceanu, M. Tarcolea, A.I. Gherghilescu, A. Vladescu, Cr silicon-nitrides and silicon-oxynitrides in mono and multi-layered structures with beneficial effect in improving the service life of prosthetic frameworks, prezentata la 7th International Conference "Biomaterials, Tissue Engineering & Medical Devices"-BIOMMEDD'2016, Constanta, Romania, septembrie, 2016
7. M. Tarcolea, D.M. Vranceanu, M. Dinu, T. Tran, C.M. Cotrut, Bioactive and antibacterial coatings obtained by pulsed electrochemical deposition, prezentata la 7th International Conference "Biomaterials, Tissue Engineering & Medical Devices"-BIOMMEDD'2016, Constanta, Romania, septembrie, 2016
8. L. Braic, N. Vasilantonakis, B. Zou, N.McN. Alford, S.A. Maier, A.V. Zayats, P.K. Petrov, SrRuO₃ Films: From pulsed laser deposition to near infrared plasmonics, prezentata la The 16th International Balkan Workshop on Applied Physics and Materials - IBWAP 2016, Constanta, Romania, iulie, 2016
9. I. Pana, I. Titorencu, M. Dinu, L. Braic, Y. Dekhtyar, A. Vladescu, In vitro biocompatibility of Si containing high entropy alloy carbide coatings, prezentata la The 16th International Balkan Workshop on Applied Physics and Materials" - IBWAP 2016, Constanta, Romania, iulie, 2016
10. M. Balaceanu, L. Constantin, L. Braic, A. Parau, Corrosion resistance and tribological performance under corrosive conditions of arc deposited ZrCN and ZrCrSiCN coatings, prezentata la The 16th International Balkan Workshop on Applied Physics and Materials" - IBWAP 2016, Constanta, Romania, iulie, 2016
11. I. Pana, C. Vitelaru, A. Kiss, M. Braic, Preliminary studies on optical performance of solar control glazings, prezentata la University of Bucharest, Faculty of Physics, 2016 Annual Scientific Conference, Magurele, Romania, iunie, 2016
12. L. Braic, E. Carstea, m. Dinu, C.E.A. Grigorescu, A. Vladescu, Quantum Confinement Observed in nc-Si/a-SiNx Nanocomposite Films Obtained by RF Magnetron Sputtering, prezentata la Global Conference on Polymer and Composite Materials -PCM 2016, Hangzhou, China, mai, 2016
13. L. Braic, A. Vladescu, M. Dinu, D.M. Pavelescu, Evaluation of electric resistivity and arc-erosion resistance of W-Ag and WC-Ag nanocomposite films, prezentata la Global Conference on Polymer and Composite Materials -PCM 2016, Hangzhou, China, mai, 2016

14. L. Braic, M. Dinu, A. Vladescu, C.M. Cotrut, G.M. Panaite, Beneficial effects of nanocomposite interlayers on metallic-ceramic bond strength for dental applications, prezentata la Global Conference on Polymer and Composite Materials -PCM 2016, Hangzhou, China, mai, 2016
15. A. Vladescu, Antibacterial properties of sputtered hydroxyapatite coating, prezentata la 7th International Conference "Nanoparticles, Nanostructured Coatings and Microcontainers: Technology, Properties, Applications, Tomsk, Rusia, mai, 2016
16. A. Vladescu, Bioactive thin films for functionalization of dental and orthopaedic implants, prezentata la 2nd International Young Scientists School „Nanostructured Materials, Tomsk, Rusia, mai, 2016
17. M. Dinu, C.M. Cotrut, T. Hauffman, C. Cordioli, A. Vladescu, A. Hubin, M. Braic, Cr-based oxinitrides as adhesion interlayers between metal and ceramic for dental restorations, prezentata la E-MRS Spring meeting 2016, Lille, Franta, mai, 2016
18. M. Dinu, T. Hauffman, A. Vladescu, C. Cordioli, A. Hubin, M. Braic, Influence of deposition parameters on the electrochemical behaviour of ZrSiON thin films investigated by ORP-multisine EIS, prezentata la E-MRS Spring meeting 2016, Lille, Franta, mai, 2016
19. A. Vladescu, C.M. Cotrut, M. Dinu, M. Braic, Tribological performance of Cr-based nitrides and oxynitrides in multilayer structure with silicon addition, prezentata la E-MRS Spring meeting 2016, Lille, Franta, mai, 2016
20. A. Vladescu, M. Braic, A. Gherghilescu, A. Kiss, C.M. Cotrut, I. Titorencu, V. Jinga, V. Braic, In vitro biocompatibility and electrochemical behaviour of the Ti doped hydroxyapatite, prezentata la E-MRS Spring meeting 2016, Lille, Franta, mai, 2016
21. D.M. Vranceanu, A. Vladescu, M. Dinu, A.I. Gherghilescu, M. Tarcolea, C.M. Cotrut, Electrochemical assisted deposition and characterisation of nano-size hydroxyapatite coating on Ti substrate, prezentata la E-MRS Spring meeting 2016, Lille, Franta, mai, 2016
22. L.R. Constantin, M. Balaceanu, M. Braic, M. Dinu, A. Vladescu, Microstructure, mechanical and tribological properties of arc deposited TiCrSiCN, ZrCrSiCN and NiCrSiCN coatings, prezentata la E-MRS Spring meeting 2016, Lille, Franta, mai, 2016
23. L. Braic, I. Pana, C.E.A. Grigorescu, C.R. Iordanescu, A. Kiss, A. Vladescu, Nitrogen Doped ZnO Films Grown by RF-Magnetron Sputtering, prezentata la E-MRS Spring meeting 2016, Lille, Franta, mai, 2016
24. L.R. Constantin, M. Dinu, M. Balaceanu, M. Braic, Comparative investigation of CrN, CrCN and CrSiCN coatings prepared by magnetron sputtering and cathodic arc evaporation, prezentata la E-MRS Spring meeting 2016, Lille, Franta, mai, 2016
25. A. Vladescu, M. Badea, M. Braic, A. Kiss, M. Moga, V. Braic, E. Posna, M. Dinu, M. Balaceanu, Enhancement of antibacterial properties of sputtered, prezentata la E-MRS Spring meeting 2016, Lille, Franta, mai, 2016
26. M. Balaceanu, A. Vladescu, M. Dinu, L.R. Constantin, A.C. Parau, Properties of stainless steel-containing TiSiC coatings deposited by cathodic arc method using C₂H₂ as precursor gas, prezentata la E-MRS Spring meeting 2016, Lille, Franta, mai, 2016
27. M. Dinu, I. Pana, V. Braic, A. Vladescu, M. Braic, Si containing high entropy alloy carbide coatings - in vitro corrosion resistance, prezentata la E-MRS Spring meeting 2016, Lille, Franta, mai, 2016
28. M. Balaceanu, C. Grigorescu, L. Constantin, M. Dinu, M. Braic, XPS and Raman comparative studies of TiSiC-Cr coatings obtained in either C₂H₂ or CH₄ plasmas, prezentata la E-MRS Spring meeting 2016, Lille, Franta, mai, 2016
29. A. Vladescu, I. Titorencu, V. Braic, A. Kiss, M. Braic, Sputtered hydroxyapatite coatings used for enhancing the titanium based alloy osseointegration, prezentata la 6th International Conference on Materials Science and Technologies – RoMat 2016, Bucuresti, Romania, noiembrie, 2016
30. C. Cotrut, A. Vladescu, A. I. Gherghilescu, I. Titorencu, Synthesis of bioactive coatings on Ti–25Nb–10Zr alloy for hard tissue implants, prezentata la 10th World Biomaterials Congress -WBC, Montreal, Canada, mai, 2016
31. S. Franchi, A. Vladescu, V. Secchi, M. Santi, M. Braic, M. Dettin, G. Iucci, C. Battocchio, Novel biocompatible materials based on self-assembling oligopeptides anchored onto titanium alloys

- surfaces: molecular structure and organization, prezentata la 13th International Conference on Nanosciences & Nanotechnologies (NN16), Thessaloniki, Grecia, iulie, 2016
32. D.M. Vranceanu, A. Vladescu, E. Ungureanu, V. Negoiescu, A. Berbecaru, C.M. Cotrut, Functionalization of Ti6Al4V alloy by hydroxyapatite coatings prepared by electrochemical deposition techniques, prezentata la 6th International Conference on Materials Science and Technologies – RoMat 2016, Bucuresti, Romania, noiembrie, 2016
 33. M.D. Iorga, C. Vitelaru, D.M. Panaitescu, Z. Vuluga, R. Gabor, M.C. Corobea, The Efficiency of Silane Treatment of Hemp Fibers in Polypropylene Composites, prezentata la International Symposium: Priorities of Chemistry for a Sustainable Development-PRIOCHEM, Bucuresti, Romania, octombrie, 2016
 34. D.M. Vranceanu, A. Vladescu, M. Tarcolea, C.M. Cotrut, Evaluation of surface treatment effect on roughness through in vitro bioactivity test in simulated body fluid, prezentata la 6th International Conference on Materials Science and Technologies – RoMat 2016, Bucuresti, Romania, noiembrie, 2016
 35. M. Dinu, R. Missengue, A.C. Parau, L. Petrik, M. Braic, A. Vladescu, Comparison of the corrosion behavior of Zr and Cr nitride and oxynitride coated 304 steel mesh in (pH=2) acidic water solution, prezentata la 6th International Conference on Materials Science and Technologies – RoMat 2016, Bucuresti, Romania, noiembrie, 2016
 36. I. M. Gomoiu, D. Mohanu, R. Radvan, A.I. Chelmus, M. Dumbravicianu, M. Enache, R. Cojoc, S. Neagu, I. Mohanu, Environmental impact on biopigmentation of mural painting , prezentata la 6th APMAS , Istanbul, Turcia, iunie, 2016
 37. R. Radvan, The Monumental Ensemble 'The Heroes' Path' in Targu Jiu by Constantin Brancusi - Multiannual Monitoring Program, prezentata la 2nd International Conference on Art & Archaeology, Jerusalem, Israel, decembrie, 2016
 38. R. Radvan, Multiannual monitoring project for outdoor artwork, prezentata la Worldwide Open Workshop With Advanced Techniques for Cultural Heritage, Bucuresti, Romania, octombrie, 2016
 39. L.M. Angheluta, Photogrammetry, prezentata la Worldwide Open Workshop With Advanced Techniques for Cultural Heritage, Bucuresti, Romania, octombrie, 2016
 40. I. M. Gomoiu, D. Mohanu, R. Radvan, A.I. Chelmus, M. Dumbravicianu, M. Enache, R. Cojoc, S. Neagu, I. Mohanu, Environmental impact on biopigmentation of mural painting , prezentata la 6th APMAS, Istanbul, Turcia, iunie, 2016
 41. S. Dontu, S. Miclos, D. Savastu, M. Tautan, Combined spectral - domain optical coherence tomography and hyperspectral imaging for tissue analysis: preliminary results, prezentata la 10th International Conference on Photoexcited Processes and Applications, Brasov, Romania, septembrie, 2016
 42. S. Miclos, D. Savastu, R. Savastu, I. Lancranjan, Numerical analysis of long period grating fiber sensor fabrication using thermal processing, prezentata la 10th International Conference on Photoexcited Processes and Applications, Brasov, Romania, septembrie, 2016
 43. D. Savastu, R. Savastu, S. Miclos, I. Lancranjan, Simulation of laser induced absorption phenomena in transparent materials, prezentata la 10th International Conference on Photoexcited Processes and Applications, Brasov, Romania, septembrie, 2016
 44. G.A. Morosanu, S. Dontu, O. Copacenaru, V. Gavril, F.A. Zaharia, E.M. Carstea, Evaluation of the anthropogenic impact of water quality of Dambovita River, prezentata la Water Resources and Wetlands, Tulcea, Romania, august, 2016
 45. E.M. Carstea, G. Pavelescu, Reduced energy consumption in wastewater treatment plants by optimizing the control of effluent quality, prezentata la The 33rd International Geographical Congress, Beijing, China, august, 2016
 46. E.M. Carstea, C.I. Iojă, D. Savastu, G. Pavelescu, Groundwater quality influenced by spatial planning in a rural area, prezentata la The 33rd International Geographical Congress, Beijing, China, august, 2016

47. E.M. Carstea, G. Pavelescu, S. Dontu, D. Savastru, Optimized control of effluent quality for improved energy consumption in wastewater treatment works, prezentata la 22nd international Sustainable Development Research Society Conference, Lisabona, Portugalia, iulie, 2016
48. C.I. Ioja, G. Vanau, S. Gradinaru, E.M. Carstea, A. Hossu, L. Niculita, C. Lincaru, Multicriteria Environmental Impact Assessment of Fast Urban Development Areas in Romania, prezentata la 11th International Conference "Environmental Legislation, Safety Engineering and Disaster Management, Cluj, Romania, mai, 2016
49. E.M. Carstea, G. Pavelscu, D. Savastru, Evaluation of organic matter removal efficiency in wastewater treatment plants, prezentata la 11th International Conference "Environmental Legislation, Safety Engineering and Disaster Management, Cluj, Romania, mai, 2016
50. M.I. Rusu, C. Pardanaud Multi wavelength Raman microscopy: a tool sensitive to both structure and chemistry in Be containing samples mimicking future JET/ITER samples, prezentata la International Conference on Plasma Surface Interaction in Controlled Fusion Device, Roma, Italia, mai, 2016
51. C. Pardanaud, M.I. Rusu, G. Giacometti, C. Martin, Y. Addab, P. Roubin, C.P. Lungu, C. Porosnicu, I. Jepu, P. Dinca, M. Lungu, O.G. Pompilian, R. Mateus, E. Alves, M. Rubel Raman microscopy investigation of beryllium materials, prezentata la 15th International Conference on Plasma-Facing Materials and Components for Fusion Applications (PFMC), Aix en Provence, Franta, mai, 2016
52. C. Micsea, C. Rizea, M.I. Rusu, N.D. Becherescu-Barbu, R. Munteanu, M.V. Udrea, B. Chiricuta, A. Parau, A. Tonetto, R. Notonier, Surface Enhanced Raman Scattering in Surgery and Forensics, prezentata la 18th International Conference on Transparent Optical Networks (ICTON), Trento, Italia, iulie, 2016
53. D. Savastru, M. Zoran, R. Savatru, Integrated remote sensing for multi-temporal analysis of urban land cover-climate interactions, prezentata la 4th International Conference on Remote Sensing and Geoinformation of the Environment (RSCy), Paphos, Cipru, aprilie, 2016
54. M. Zoran, R. Savastru, D. Savastru, Synergistic use of geospatial and in-situ data for earthquake hazard assessment in Vrancea area , prezentata la 5th International Conference on Remote Sensing and Geoinformation of the Environment (RSCy), Paphos, Cipru, aprilie, 2016
55. M. Zoran, R. Savastru, D. Savastru, Lithosphere-Surfacesphere-Atmosphere-Ionosphere coupling model for Vrancea seismic zone in Romania, prezentata la 9th International Physics Conference of the Balkan-Physical-Union (BPU), Istanbul, Turcia, august, 2016
56. M. Zoran, R. Savastru, D. Savastru, A. Dida, Satellite Earth observation data to identify climate and anthropogenic pressures on Bucharest periurban forests, prezentata la 9th International Physics Conference of the Balkan-Physical-Union (BPU), Istanbul, Turcia, august, 2016
57. A.A. Popescu, Chalcogenide amorphous films for plasmonics, prezentata la EMN meeting on photonics: ENERGY, MATERIALS, NANOTECHNOLOGY, Barcelona, Spania, septembrie, 2016
58. S. Miclos, D. Savastru, R. Savastru, I. Lancranjan, Numerical analysis of long period grating fiber sensor operational characteristics as embedded in polymer, prezentata la ICCS19, 19th International Conference on Composite Structures, Porto, Portugalia, septembrie, 2016
59. D. Savastru, S. Miclos, R. Savastru, I. Lancranjan, Study of thermo-mechanical characteristics of polymer composite materials with embedded optic fiber, prezentata la ICCS19, 19th International Conference on Composite Structures, Porto, Portugalia, septembrie, 2016
60. M. Elisa, C. R. Iordanescu, I. C. Vasiliu, B. A. Sava, L. Boroica, M. Valeanu, V. Kuncser, Structural, magnetic and magneto-optical properties of Pr-doped silico-phosphate sol-gel films, prezentata la XXth Mendeleev Congress on General and Applied Chemistry, Ekaterinburg, Rusia, septembrie, 2016
61. C. R. Iordanescu, M. Elisa, I. C. Vasiliu, M. I. Rusu, L. Constantin, M. Filipescu, M. Enculescu, High purity CdSe thin films prepared by Pulsed Laser Deposition, prezentata la European Materials Research Society Conference-EMRS Spring Meeting, Lille, Franta, mai, 2016

62. I. C. Vasiliu, I. Ionita, A. Matei, M. Elisa, C. R. Iordanescu, A. Emandi, Sol gel derived films doped with ferrocenes derivatives for nonlinear optics, prezentata la European Materials Research Society Conference-EMRS Spring Meeting, Lille, Franta, mai, 2016
63. I. C. Vasiliu, I. Ionita, A. Matei, M. Elisa, C. R. Iordanescu, A. Emandi, Multilayer structures of nano ferrocene/schiff base compound embedded in inorganic matrix for optical limiting devices, prezentata la International Conference on Competitive Materials and Technology Process , Lillafured, Ungaria, octombrie, 2016
64. M. Elisa, I. C. Vasiliu, I. D. Feraru, C. R. Iordanescu, G. Epurescu, M. Filipescu, C. Plapcianu, C. Bartha, M. Enculescu, S. Peretz, Synthesis and Characterization of PLD Glass Phosphate Films Doped with CdS Powder, prezentata la 5th International Conference "Smart and Multifunctional Materials, Structures and Systems" CIMTEC , Perugia, Italia, iunie, 2016
65. C. R. Iordanescu, M. Elisa, I. C. Vasiliu, B. A. Sava, L. Boroica, M. Valeanu, V. Kuncser, A. Beldiceanu, A. Volceanov, M. Eftimie, Structural, morphological and magnetic properties of Ce³⁺ and Tb³⁺-doped silico-phosphate sol-gel thin films, prezentata la Society of Glass Technology & 13th Symposium of the European Society of Glass Science and Technology, Sheffield, Marea Britanie, septembrie, 2016
66. B. A. Sava, L. Boroica, M. Elisa, R. C. Monteiro, O. Shikimaka, D. Grabco, C. R. Iordanescu, V. Kuncser, Spin coating deposition from sol-gel doped boron-phosphate systems, prezentata la Society of Glass Technology & 13th Symposium of the European Society of Glass Science and Technology, Sheffield, Marea Britanie, septembrie, 2016
67. M. Sofronie, A. C. Galca, F. Tolea, M. Elisa, V. Kuncser, M. Valeanu, Magneto-optical properties of doped aluminophosphate glasses, prezentata la 8th Joint European Magnetic Symposia, Glasgow, Marea Britanie, august, 2016
68. L. Boroica, B. A. Sava, O. Shikimaka, D. Grabco, M. Elisa, C. R. Iordanescu, R. C. Monteiro, R. V. Medianu, Magnetron sputtering multistrata thin layers deposition from doped boron-phosphate systems, prezentata la MSCMP Conference, Chisinau, Republica Moldova, septembrie, 2016
69. B. A. Sava, L. Boroica, R. C. Monteiro, O. Shikimaka, D. Grabco, C. R. Iordanescu, V. Kuncser, Boron-phosphate sol-gel thin films doped with dysprosium and terbium ions, prezentata la MSCMP Conference, Chisinau, Republica Moldova, septembrie, 2016
70. M. Popa, O. Shikimaka, D. Grabco, B. A. Sava, L. Boroica, M. Elisa, C. Pyrtsac, Z. Barbos, I. Belei, Fracture toughness and hardness at micro- and nanoindentation of phosphate glasses depending on their composition, prezentata la MSCMP Conference, Chisinau, Republica Moldova, septembrie, 2016
71. I. Belei, O. Shikimaka, D. Grabco, B. A. Sava, L. Boroica, M. Elisa, C. Pyrtsac, A. Prisacaru, M. Popa, Prolonged holding and cyclic loading indentation of aluminophosphate glass: kinetics of deformation, prezentata la MSCMP Conference, Chisinau, Republica Moldova, septembrie, 2016
72. B. A. Sava, L. Boroica, M. Elisa, R. C. Monteiro, O. Shikimaka, V. Kuncser, I. D. Feraru, C. R. Iordanescu, Z. Barbos, M. Popa, M. Filipescu, G. Socol, Doped boro-phosphate glasses as bulk, powders and thin layers – obtaining, structure and properties, prezentata la CONSILOX XII, Sinaia, Romania, septembrie, 2016
73. C. R. Iordanescu, M. Elisa, I. C. Vasiliu, B. A. Sava, L. Boroica, M. Valeanu, V. Kuncser, A. Volceanov, M. Eftimie, A. Melinescu, A. Beldiceanu, Magnetic and magneto-optical properties of Bi and Pb-doped aluminophosphate glass, prezentata la CONSILOX XII, Sinaia, Romania, septembrie, 2016
74. I. Chilibon, Piezoelectric devices for generating low power, prezentata la ATOM-N 2016 Conference, Constanta, Romania, august, 2016
75. I. Chilibon, E. M. Ungureanu, G. Buica, M. Mihai, R. Isopescu, I. C. Vasiliu, C. R. Iordanescu, Sensitive Electrodes of Azulene-Based Complexing Polymer Films for Heavy Metal Ions Detection, prezentata la The Trends in Nanotechnology International Conference, TNT 2016, Fribourg, Elvetia, septembrie, 2016
76. I. Chilibon, Influence of Structure Configuration on Strained Devices: A Piezoelectric-oriented Survey, prezentata la SENSORDEVICES 2016, Nice, Franta, iulie, 2016

77. I. A. Birtoiu, C. Rizea, M. I. Rusu, N. D. Becherescu-Barbu, B. A. Vitalaru, D. Togoe, M. Pascal, R. Munteanu, M. V. Udrea, B. Chiricuta, A. Parau, C. E. Grigorescu, Advances in Surgical Instrumentation for Ex Vivo and In Vivo Assessment of Clean Margins, prezentata la European Materials Research Society Conference-EMRS Spring Meeting, Lille, Franta, mai, 2016
78. C. Micsa, C. Rizea, M. I. Rusu, N. D. Becherescu-Barbu, R. Munteanu, M. V. Udrea, B. Chiricuta, A. Parau, A. Tonetto, R. Notonier, I. A. Birtoiu, C. E. Grigorescu, Surface enhanced Raman scattering in surgery and forensics, prezentata la 18th International Conference on Transparent Optical Networks ICTON 2016, Trento, Italia, iulie, 2016
79. A. I. Birtoiu, R. Munteanu, C. Micsa, D. Togoe, A. B. Vitalaru, M. I. Rusu, M. Tautan, L. Braic, L. O. Scoicaru, A. Parau, N. D. Becherescu-Barbu, M. V. Udrea, C. E. Grigorescu, Markers for tumor margin assessment through Raman spectroscopy in comparative oncology, prezentata la Life Sciences - a challenge to the future, Iasi, Romania, octombrie, 2016
80. C. Talianu, S. Andrei, F. Toanca, S. Stefan, Atmospheric aerosol optical parameters, deep convective clouds and hail occurrence – a correlation study, prezentata la Conferinta Internationala "European Geosciences Union" – EGU 2016, Viena, Austria, aprilie, 2016
81. F. Toanca, J. Vasilescu, D. Nicolae, S. Stefan, Visibility assessment using remote sensing data, prezentata la Conferinta Internationala "European Geosciences Union" – EGU 2016, Viena, Austria, aprilie, 2016
82. L. Belegante, J. Vasilescu, D. Nicolae, C. Talianu, A. Nemuc, C. Radu, N. Ajtai, A. Merlaud, E. Dekemper, K. Stebel, Ground based perspective during the AROMAT 2015 campaign Airborn Romanian Measurements of Aerosol and Trace gases, prezentata la Living Planet Symposium 2016, Praga, Cehia, mai, 2016
83. K. Stebel, N. Ajtai, J. Horálek, D. Nicolae, P. Schneider, I.S. Stachlewska, P. Novotny, A. Diamandi, N. Benesova, H. Stefanie, A. Nemuc, C. Talianu, C. Zehner, SAMIRA - SATellite based Monitoring Initiative for Regional Air quality, prezentata la Living Planet Symposium 2016, Praga, Cehia, mai, 2016
84. D.N. Nicolae, J. Vasilescu, C. Talianu, A. Nemuc, L. Belegante, Application of artificial neural networks to aerosol classification, prezentata la Living Planet Symposium 2016, Praga, Cehia, mai, 2016
85. I. Biniotoglou, V. Amiridis, L. Belegante, A. Boscornea, M. Costa Suros, P. Kokkalis, H. Linne, D. Nicolae, I. Serikov, I. Stachlewska, S.N. Vajaia, MULTIPLY: Development of a European HSRL airborne facility, prezentata la Living Planet Symposium 2016, Praga, Cehia, mai, 2016
86. A. Merlaud, F. Tack, M. Van Roozendaal, H. Brenot, E. Dekemper, A. Meier, A. Richter, C. Daniel, L. Georgescu, M. Den Hoed, M. Allart, L. Belegante, A. Nemuc, D. Nicolae, P. Stammes; A. Boscornea; S. Vajaia; T. Ruhtz; K. Stebel; R. Shaiganfar; T. Wagner; D. Schuettemeyer, An overview of the AROMAT campaigns, prezentata la Living Planet Symposium 2016, Praga, Cehia, mai, 2016
87. F. Toanca, L. Marmureanu, J.G. Vasilescu, A. Nemuc, L. Belegante, Fog Analysis Using Remote Sensing and In Situ Data in a Suburban Area, Romania, prezentata la 16th EMS Annual Meeting & 11th European Conference on Applied Climatology (ECAC), Trieste, Italia, septembrie, 2016
88. S. Andrei, C. Talianu, F. Toanca, S. Stefan, Assessing The Contribution Of Atmospheric Aerosols' Optical Properties In The Development Of Deep Convective Clouds With Hail, prezentata la 16th EMS Annual Meeting & 11th European Conference on Applied Climatology (ECAC), Trieste, Italia, septembrie, 2016
89. D.M. Micu, S. Andrei, M. Micu, R. Zarea, F. Toanca, Synoptic climatology of heavy precipitation events in an active landslide region of Romania (the Curvature Carpathian-Subcarpathian region)", prezentata la 16th EMS Annual Meeting & 11th European Conference on Applied Climatology (ECAC), Trieste, Italia, septembrie, 2016
90. L. Marmureanu, J. Vasilescu, H. Stefanie, C. Talianu, Chemical and Optical Characterization of Aerosol Heating Sources, prezentata la 11th International Conference "Environmental Legislation, Safety Engineering and Disaster Management" - ELSSEDIMA, Cluj-Napoca, Romania, mai, 2016

91. A. Dandocsi, A. Nemuc, H. Stefanie, C. Marin, ESA campaign in Southern Romania during autumn 2014, prezentata la 11th International Conference "Environmental Legislation, Safety Engineering and Disaster Management" - ELSEDIMA, Cluj-Napoca, Romania, mai, 2016
92. D. Ene, L. Belegante, S. Andrei, V. Palea, L. Marmureanu, Lidar Measurements During Aromat Campaign in 2014, prezentata la 11th International Conference "Environmental Legislation, Safety Engineering and Disaster Management" - ELSEDIMA, Cluj-Napoca, Romania, mai, 2016
93. L. Marmureanu, J. Vasilescu, A. Nemuc, L. Belegante, Estimation of the aerosols sources in a high polluted metropolitan area, prezentata la 22nd European Aerosol Conference EAC 2016, Tours, Franta, septembrie, 2016
94. J. Vasilescu, D. Nicolae, C. Talianu, L. Marmureanu, Aerosol Classification Using a Neural Network Algorithm, prezentata la 22nd European Aerosol Conference EAC 2016, Tours, Franta, septembrie, 2016
95. L. Marmureanu, J. Vasilescu, D. Nicolae, L. Belegante, C. Marin, A. Dandocsi, Air Quality Assessment Using Ground Based Data and Satellite Observations, prezentata la Black Sea from Space Workshop, Constanta, Romania, septembrie, 2016
96. S. Andrei, E. Carstea, A. Nemuc, F. Toanca, D. Ene, V. Nicolae, D. Konsta, V. Amiridis, I. Biniotoglou, Monitoring and Analysis of Fires in the Black Sea Riverside Areas, prezentata la Black Sea from Space Workshop, Constanta, Romania, septembrie, 2016
97. D. Nicolae, I. Biniotoglou, O. Dubovik, P. Gouloub, A. Cede, C. Federspiel, M. Aspetsberger, D. Fuertes, An Integrated Approach for the Validation and Exploitation of Atmospheric Missions, prezentata la 5th Workshop on Atmospheric Composition Validation and Evolution - ACVE 2016, Frascati, Italia, octombrie, 2016
98. L. Mona, F. Amato, V. Amiridis, A. Apituley, D. Balis, G. D'Amico, C. Lund Myhre, D. Nicolae, E. O'Connor, U. Wandinger, P. Laj, G. Pappalardo, ACTRIS Research Infrastructure For Satellite Validation Activities, prezentata la 5th Workshop on Atmospheric Composition Validation and Evolution - ACVE 2016, Frascati, Italia, octombrie, 2016
99. L. Marmureanu, Romanian capacity in assessment of biomass burning aerosols, prezentata la 5th Annual Forum of the EU Strategy for the Danube Region, Bratislava, Slovacia, noiembrie, 2016
100. J. Vasilescu, C. Talianu, D. Nicolae, Automatic aerosol typing from multiwavelegth Raman lidar, prezentata la 2nd ACTRIS-2 General Meeting, Frascati, Italy, 29 February - 4th March 2016, Frascati, Italia, martie, 2016
101. L. Belegante, D. Nicolae, G. Pappalardo, A. Amodeo, L. Mona, V. Freudenthaler, The Lidar Calibration Centre - a recently established ACTRIS calibration facility, prezentata la 2nd ACTRIS-2 General Meeting, Frascati, Italy, 29 February - 4th March 2016, Frascati, Italia, martie, 2016
102. D. Nicolae, Aerosol type – a potential new data product from EARLINET standard optical profiles, prezentata la ACTRIS-2 Second WP2 Workshop "Profiling of Aerosols and Clouds", Barcelona, Spania, noiembrie, 2016
103. D. Nicolae, ACTRIS (Aerosols, Clouds, and Trace Gases Research InfraStructure Network) Network, prezentata la OSA Light, Energy and the Environment Congress, Leipzig, Germania, noiembrie, 2016
104. I. Biniotoglou, P. Giampouras, L. Belegante, A fast and precise linear approximation of Rayleigh-Brillouin scattering spectra, suitable for real-time HSRL processing, prezentata la ACTRIS-2 Second WP2 Workshop "Profiling of Aerosols and Clouds", Barcelona, Spania, noiembrie, 2016
105. I. Biniotoglou, M.M. Kottas, V. Palea, A new open-source python library for lidar data processing, prezentata la ACTRIS-2 Second WP2 Workshop "Profiling of Aerosols and Clouds", Barcelona, Spania, noiembrie, 2016
106. M. Zoran, R. Savastru, D. Savastru, Synergistic use of geospatial and in-situ data for earthquake hazard assessment in Vrancea area, prezentata la Fourth International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2016), Paphos, Cipru, aprilie, 2016
107. D. Savastru, M. Zoran, R. Savastru, Integrated remote sensing for multi-temporal analysis of urban land cover-climate interactions, prezentata la Fourth International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2016), Paphos, Cipru, aprilie, 2016

108. M. Zoran, D. Savastru, A. Dida, Climate change impacts and vulnerabilities assessment on forest vegetation through time-series multisensor satellite data, prezentata la ESA Living Planet Symposium 2016, Praga, Cehia, mai, 2016
109. M. Zoran, M.R. Dida, Satellite and Ground-Based Measurements of Urban Air Quality in Relation with Children's Asthma, prezentata la ESA Living Planet Symposium 2016, Praga, Cehia, mai, 2016
110. M. Zoran, R. Savastru, D. Savastru, Integrated System Monitoring for Seismic Surveillance of Vrancea Active Geotectonic Area Through Geospatial And In-Situ Data, prezentata la 36th EARSeL Symposium , Bonn, Germania, iunie, 2016
111. M. Zoran, R. Savastru, D. Savastru, Earthquake Anomalies Recognition Through Satellite and In-Situ Monitoring Data, prezentata la 36th EARSeL Symposium , Bonn, Germania, iunie, 2016
112. M. Zoran, A. Dida, Time-Series Satellite Imagery For Assesment Of Urban Green Changes, prezentata la 36th EARSeL Symposium , Bonn, Germania, iunie, 2016
113. M. Zoran, R. Savastru, D. Savastru, Multiple Seismo-Anomalies Associated With Some Earthquakes Recorded In Vrancea Zone, prezentata la Workshopul International Balcanic de Fizica Aplicata IBWAP 2016, Constanta, Romania, iulie, 2016
114. M. Zoran, R. Savastru, D. Savastru, M. Tautan, L. Baschir, Temperature-Urban Land Cover Interactions Derived From Time-Series Satellite Data , prezentata la Workshopul International Balcanic de Fizica Aplicata IBWAP 2016, Constanta, Romania, iulie, 2016
115. A. Dida, M. Zoran, Use of geospatial data for forest vegetation condition assessment under climate and anthropogeic stressors, prezentata la Workshopul International Balcanic de Fizica Aplicata IBWAP 2016, Constanta, Romania, iulie, 2016
116. M. Zoran, R. Savastru, D. Savastru, Satellite remote sensing and in-situ data for assessment of aerosol climate effects on urban air quality, prezentata la European Aerosol Conference 2016, Tours, Franta, septembrie, 2016
117. M. Zoran, R. Savastru, D. Savastru, A. Dida, Urban air pollution dynamics assessment by use of 222Radon in the lower atmosphere, prezentata la European Aerosol Conference 2016, Tours, Franta, septembrie, 2016
118. M. Zoran, R. Savastru, D. Savastru, Earthquake signature revealed by time series satellite and ground-based data , prezentata la SPIE Remote Sensing Europe 2016, Edinburgh, Marea Britanie, septembrie, 2016
119. M. Zoran, R. Savastru, D. Savastru, A. Dida, Impacts of urban growth and heat waves events on the urban heat island in Bucharest city, prezentata la SPIE Remote Sensing Europe 2016, Edinburgh, Marea Britanie, septembrie, 2016
120. M. Zoran, A. Dida, Remote sensing of climate changes effects on urban green biophysical variables, prezentata la SPIE Remote Sensing Europe 2016, Edinburgh, Marea Britanie, septembrie, 2016
121. D. Savastru, M. Zoran, R. Savastru, Synergy use of satellite remote sensing and in-situ monitoring data for air pollution impacts on urban climate, prezentata la SPIE Remote Sensing Europe 2016, Edinburgh, Marea Britanie, septembrie, 2016
122. M. Zoran, Forest vegetation dynamics and its response to climate changes, prezentata la SPIE Remote Sensing Europe 2016, Edinburgh, Marea Britanie, septembrie, 2016
123. S. Andrei, Centrul pentru teledetectia atmosferei si observarea Pamantului din spatiu, prezentata la Workshop - Contributii romanesti in domeniul mediului si observarii Pamantului, Magurele, Romania, septembrie, 2016
124. D. Nicolae, Infrastructuri de cercetare petru mediu - aCTRIS, prezentata la Workshop - Contributii romanesti in domeniul mediului si observarii Pamantului, Magurele, Romania, septembrie, 2016
125. V. Nicolae, Algoritm de clasificare a aeroslilor din date lidar, utilizand retele neuronale, prezentata la Workshop - Contributii romanesti in domeniul mediului si observarii Pamantului, Magurele, Romania, septembrie, 2016

126. L. Marmureanu, Model Computațional pentru Predicția Emisiilor de “Biomass Burning” și impactul lor - proiectul MOBBE, prezentata la Workshop - Contributii romanesti in domeniul mediului si observarii Pamantului, Magurele, Romania, septembrie, 2016
127. J. Vasilescu, Initiative pentru viitor - Sistem romanesc mobil de observare a atmosferei, prezentata la Workshop - Contributii romanesti in domeniul mediului si observarii Pamantului, Magurele, Romania, septembrie, 2016
128. L. Belegante, Initiative pentru viitor - Centrul de cercetare a mediului si observare a Terrei, prezentata la Workshop - Contributii romanesti in domeniul mediului si observarii Pamantului, Magurele, Romania, septembrie, 2016
129. E. Gilca, C. Varaticeanu, C. Tanaselia, M. Roman, C. Roman, Biodiesel production from microalgae , prezentata la International Conference on HYDRAULICS, PNEUMATICS, TOOLS, SEALING ELEMENTS, FINE MECHANICS, SPECIFIC ELECTRONIC EQUIPMENT & MECHATRONICS, HERVEX 22nd Edition, ISSN 1454-8003, Baile Govora, Romania , noiembrie, 2016
130. T. Frentiu, S. Butaciu, E. Darvasi, M. Ponta, M. Frentiu, D. Petreus, Microanalytical method based on electrothermal Vaporization Capacitively Coupled Plasma Microtorch Optical Emission Spectrometry for Multielemental Determination – Comparison with ICP-OES, prezentata la The 43th International Conference of the Slovak Society of Chemical Engineering, Tatranske Matliare , Slovacia, mai, 2016
131. S. Cadar, T. Frentiu, S. Butaciu, M. Ponta, M. Frentiu, D. Petreus, Electrothermal vaporization device for sample introduction in microplasma sources used in elemental determination by optical emission spectrometry, prezentata la The 43th International Conference of the Slovak Society of Chemical Engineering, Tatranske Matliare , Slovacia, mai, 2016
132. S. Cadar, R. Etz, T. Patarau, D. Petreus, F.S. Maxime, Simulation & Modelling of a Tungsten Filament with COMSOL for Electrothermal Process, prezentata la The 22nd IEEE International Symposium for Design and Technology in Electronic Packaging (SIITME), Oradea, Romania, octombrie, 2016
133. S. Cadar, D. Petreus, R. Etz, T. Frentiu, E. Darvasi, S. Butaciu, Temperature and Power Consumption for Tungsten Coil in the Drying Process of Liquid Samples, prezentata la 39th International Spring Seminar on Electronics Technology (ISSE), Pilsen, Republica Ceha, mai, 2016
134. O. Cadar, M.HA. Hoagia, M. Senila, C. Tanaselia, Migration of some inorganic contaminants from food storage plastic containers, prezentata la 11th International Conference Environmental Legislation, Safety Engineering and Disaster Management, ELSEDDIMA, Cluj-Napoca, Romania, mai, 2016
135. M. Senila, D. Micu, A. Hoagia, E. Levei, O. Cadar, G. Kucsicsa, D. Calteanu, Multivariate statistical analysis of water chemistry in wells from curvature Sub-Carpathians, Romania, prezentata la 11th International Conference Environmental Legislation, Safety Engineering and Disaster Management, ELSEDDIMA, Cluj-Napoca, Romania, mai, 2016
136. E. Levei, A. Hoagia, M. Senila, C. Tanaselia, M. Miclean, J. Viers, J. Chmieleff, Multielemental fingerprinting of tailings from nonferrous mining areas, prezentata la 11th International Conference Environmental Legislation, Safety Engineering and Disaster Management, ELSEDDIMA, Cluj-Napoca, Romania, mai, 2016
137. A. Hoaghia, E. Levei, O. Cadar, C. Roman, M. Senila, C. Tanaselia, D. Ristoiu, Metals contamination and ecological risk assessment of urban soils situated near a former non-ferrous metallurgical plant, prezentata la 11th International Conference Environmental Legislation, Safety Engineering and Disaster Management, ELSEDDIMA, Cluj-Napoca, Romania, mai, 2016
138. M. Miclean, M.H. Kovacs, E.D. Kovacs, C. Paizs, Levels of PCDD/Fs in several cheese and butter samples collected from Cluj-Napoca market, Romania, prezentata la 11th International Conference Environmental Legislation, Safety Engineering and Disaster Management, ELSEDDIMA, Cluj-Napoca, Romania, mai, 2016
139. M.L. Andrei, M.A. Hoaghia, M. Senila, E. Levei, D. Ristoiu, Assessment of Aries river water quality upstream and downstream of the mining area , prezentata la 11th International

- Conference Environmental Legislation, Safety Engineering and Disaster Management, ELSEDDIMA, Cluj-Napoca, Romania, mai, 2016
140. D. Malschi, E. Levei, C. Tanaselia, D. Brahaita, C. Nicoara, R. Thomas, G.E. Popita, E. Rimba, Heavy metals removal and phytoremediation of acidic mine water using aquatic species , prezentata la 11th International Conference Environmental Legislation, Safety Engineering and Disaster Management, ELSEDDIMA, Cluj-Napoca, Romania, mai, 2016
 141. P. Boanca, E. Luca, A. Dumitras, O. Matei, L. Luca, M. Dirja, E. Laczi, Assessment of the pollutants from stormwater runoff depending on land use in Cluj-Napoca, Romania, prezentata la 6 th International Conference on Landscape & Urban Horticulture , Atena, Grecia, iunie, 2016
 142. P. Boanca, E. Luca, A. Dumitras, O. Matei, L. Luca, M. Dirja, E. Laczi, Soil compaction in urban area depending on land use: Case study in Cluj-Napoca, Romania, prezentata la 6 th International Conference on Landscape & Urban Horticulture , Atena, Grecia, iunie, 2016
 143. M. Blejan, I. Ilie, R.I. Rădoi, C. Cristescu, Electro-hydraulic linear actuator, prezentata la The 39th International Spring Seminar on Electronics Technology ISSE 2016, Pilsen, Cehia , mai, 2016
 144. Șt. Alexandrescu, S. Anghel, Gh. Șovăială, Dispozitiv pentru probarea etanșărilor pistoanelor cilindrilor hidraulici / Device for testing piston seals in hydraulic cylinders, prezentata la ProInvent 2016 - a XIV-a ediție a Salonului Internațional al Cercetării, Inovării și Inventicii PRO INVENT, Cluj-Napoca, România, martie, 2016
 145. P. Drumea, E. Murad, I.C. Dumitrescu, Instalație pentru producerea energiei termice utilizând energia solară combinată cu energie obținută din gazeificarea biomasei/ Installation for producing thermal energy using solar energy combined with energy from biomass gasification, prezentata la ProInvent 2016 - a XIV-a ediție a Salonului Internațional al Cercetării, Inovării și Inventicii PRO INVENT, Cluj-Napoca, România, martie, 2016
 146. I. Bostan, V. Dulgheru, V. Bostan, I.C. Dumitrescu, R. Ciobanu, O. Ciobanu, I. Cozma, Sistem de orientare a unui grup de panouri fotovoltaice, prezentata la ProInvent 2016 - a XIV-a ediție a Salonului Internațional al Cercetării, Inovării și Inventicii PRO INVENT, Cluj-Napoca, România, martie, 2016
 147. P. Drumea, I.C. Dumitrescu, B. Tudor, Energy efficiency methods in hydraulic systems using digital hydraulics, prezentata la International Scientific-Technical Conference HYDRAULIC AND PNEUMATIC DRIVES AND CONTROLS 2016, Katowice, Polonia, octombrie, 2016
 148. C. Cristescu, R. Rădoi, I.C. Dumitrescu, L. Dumitrescu, Experimental research on energy losses through friction in order to increase lifetime of hydraulic cylinders, prezentata la ROTRIB-2016 The 13th International Conference on Tribology , Galați, România, septembrie, 2016

ANEXA 7.a Comunicări științifice prezentate la conferințe naționale

1. A.I. Chelmus, R. Radvan, Error evaluation for GPR investigations in different electromagnetical layered media, prezentata la Conferinta anuala a Facultatii de Fizica - Universitatea Bucuresti, Bucuresti, Romania, iunie, 2016
2. M. Zoran, D. Savastu, D. Mateciuc, Earthquake precursors assessment in Vrancea region through satellite and in-situ monitoring data, prezentata la National Symposium on 75 Years from November 10th 1940 Vrancea Earthquake, Bucuresti, Romania, noiembrie, 2016
3. L. Marmureanu, J. Vasilescu, C. Marin, Aerosol source apportionment based on positive matrix factorization, prezentata la WORKSHOP "New perspectives for the control and prevention of air pollution in urban environments", Bucuresti, Romania, septembrie, 2016
4. A. Nemuc, L. Belegante, D. Nicolae, The Airborne Romanian experiment for Measurements of Aerosols and Trace gases, prezentata la WORKSHOP "New perspectives for the control and prevention of air pollution in urban environments", Bucuresti, Romania, septembrie, 2016
5. A. Dandocsi, Determinarea functiei de suprapunere a unui sistem Lidar, prezentata la Sesiunea de Comunicari Stiintifice Studentesti 2016, Bucuresti, Romania, mai, 2016

6. C. Marin, Spectrometrie de masa pentru aerosoli, prezentata la Sesiunea de Comunicari Stiintifice Studentesti 2016, Bucuresti, Romania, mai, 2016
7. A. Dandocsi, Caracterizarea atmosferei folosind teledetectie activa si pasiva, prezentata la Workshop-ul interdisciplinar: "Natural versus anthropogenic causes of climate variability and feedback from bio-geo-chemical processes (NatClimVar)", Bucuresti, Romania, octombrie, 2016
8. C. Marin, Caracterizarea aerosolilor prin metode in situ, prezentata la Workshop-ul interdisciplinar: "Natural versus anthropogenic causes of climate variability and feedback from bio-geo-chemical processes (NatClimVar)", Bucuresti, Romania, octombrie, 2016
9. A. Baricz, K.P. Batta, M. Campeanu, A.S. Andrei, C. Chiriac, E. Levei, L. Momeu, A. Cristea, D.A. Pop, M. Alexe, V. Muntean, H.L. Banciu, Un an de studiu integrat al vieții microscopice din lacul Ursu (Sovata, România). , prezentata la ACADEMIA ROMÂNĂ, Institutul de Biologie București Departamentul de Microbiologie A-56-a Sesiune Anuală , Bucuresti, Romania, decembrie, 2016
10. T. Frentiu, M. Ponta, E. Darvasi, S. Butaciu, M. Frentiu, S. Cadar, D. Petreus, Prototip microspectrometru pentru determinarea elementelor generatoare de vapori Chimici prin spectrometrie de emisie optica in microtorta de plasma cuplata capacitiv, prezentata la XXXIV-a Conferinta Nationala de Chimie, Caciulata, Romania, octombrie, 2016
11. T. Frentiu, M. Ponta, E. Darvasi, S. Butaciu, M. Frentiu, D. Petreus, Prototip microspectrometru pentru determinarea elementelor prin spectrometria de emisie optica în microtorta de plasma cuplata capacitiv cu evaporator electrotermic, prezentata la XXXIV-a Conferinta Nationala de Chimie, Caciulata, Romania, octombrie, 2016
12. I. Lepădatu, C. Cristescu, L. Dumitrescu, Al.P. Chiriță, R. Rădoi, I.C. Dumitrescu, Rampă de asalt acționată hidraulic, prezentata la Simpozionul National al Utilajelor de Constructii SINUC, București, România, decembrie, 2016
13. C. Cristescu, I.C. Dumitrescu, R. Rădoi, L. Dumitrescu, Sisteme electro-hidraulice de ghidare și orientare a panourilor solare voltaice și termice amplasate într-un oraș inteligent, prezentata la SINGRO 2016 Simpozionul Stiintific al Inginerilor Romani de Pretutindenii, Craiova, România, septembrie, 2016
14. P. Krevey, R. Rădoi, Performanțele mecanismelor de servocomanda sub influența parametrilor externi la pompele volumice cu pistoane axiale / Performance of servo mechanisms under the influence of external parameters in axial piston positive displacement pumps, prezentata la PRODUCTICA Sesiunea Științifică a Centrului de Dezvoltare a Creativității al Academiei Oamenilor de Știință din România „Creativitate inginerească în domeniul producție-energie-mediul”, Mioveni, România, mai, 2016