

ANEXA 7. Comunicări prezentate la evenimente științifice internaționale

1. A. Vladescu, D.M. Vranceanu, A.C. Parau, C.M. Cotrut, A.E Kiss, L.R. Constantin, V. Braic, In vitro investigation of Ag doped hydroxyapatite coatings in different acellular media, prezentata la 9th International Conference on Materials Science and Condensed Matter Physics (MSCMP 2018), Chisinau, Moldova, septembrie, 2018
2. D.M. Vranceanu, A. Koptug, A. Vladescu, R.A Surmenev, E. Ungureanu, C.M Cotrut, Bioactivation of additively manufactured Ti based alloy with HAp coatings obtained by electrochemical deposition, prezentata la BiomMedD 2018, Cluj-Napoca, Romania, septembrie, 2018
3. D.M. Vranceanu, E Ungureanu, A Berbecaru, V.I. Negoiescu, A.C Parau, A. Vladescu, C.M Cotrut, Electrochemical hydroxyapatite coatings deposited on nanostructured TiO₂, prezentata la BiomMedD 2018, Cluj-Napoca, Romania, septembrie, 2018
4. C Vitelaru, A.C. Parau, L.R Constantin, A.E Kiss, A. Aijaz, T. Kubart, Tuning the HiPIMS sputtering process of C target for the deposition of DLC coatings, prezentata la PSE 2018, Garmisch, Germania, septembrie, 2018
5. A.C Parau, C Vitelaru, A.E Kiss, I. Pana, A. Sobetskii, A Aijaz, T. Kubart, J.C Oliveira, Substrate biasing effects on the mechanical and tribological properties of thick DLC coatings obtained by HiPIMS, prezentata la PSE 2018, Garmisch, Germania, septembrie, 2018
6. C. Vitelaru, A.C. Parau, I. Pana, L.F. Petrik, M. Braic, Process characterization of reactive magnetron sputtering using two reactive gases for tuning the properties of TaOxNy thin films, prezentata la PSE 2018, Garmisch, Germania, septembrie, 2018
7. A. Vladescu, M. Braic, L.R. Constantin, A.C Parau, V. Braic, Multifunctional coatings for promoting osseointegration and for preventing infection of metallic implants (KN3), prezentata la "4th International Conference – New Trends on Sensing – Monitoring – Telediagnosis for Life Sciences" (NT-SMT-LS), Brasov, Romania, august, 2018
8. A. Vladescu, C.I. Pruncu, L. Constantin, V. Braic, A.C Parau, K.D Dearn, M. Braic, Multifunctional transition metal carbonitride coatings, prezentata la 18th International Balkan Workshop on Applied Physics, Constanta, Romania, iulie, 2018
9. V. Braic, D. Mihai, N.C. Zoita, M. Braic, R. Mihalache, A.E Kiss, System for space conditions thermal vacuum testing of satellite dish antennas, prezentata la 18th International Balkan Workshop on Applied Physics, Constanta, Romania, iulie, 2018
10. V.S Burghelia, V. Ciupina, M. Braic, R. Vladioiu, C.P. Lungu, G.C. Prodan, Structural and electrical properties of N doped SiC nanostructures obtained by magnetron sputtering method, prezentata la 18th International Balkan Workshop on Applied Physics, Constanta, Romania, iulie, 2018
11. A Vladescu, C.I. Pruncu, M. Braic, A. Parau, K.D. Dearn, L.R. Constantin, V. Braic, Multifunctional Ti based carbonitride coatings for applications in severe environments, prezentata la EMRS Spring Meeting 2018, Strasbourg, Franta, iunie, 2018
12. C. Vitelaru, A.E Kiss, A.C. Parau, M. Dinu, N.C Zoita, A. Sobetskii, A. Aijaz, T. Kubart, J.C. Oliviera, Micrometer thick DLC coatings on metal substrates by using HIPIMS sputtering of C target in various gas mixtures, prezentata la EMRS Spring Meeting 2018, Strasbourg, Franta, iunie, 2018
13. A. Vladescu, D.M. Vranceanu, I. Pana, C.M. Cotrut, L.R. Constantin, V. Braic, In vitro evaluation behavior in acellular synthetic media of Ag doped hydroxyapatite coatings, prezentata la EMRS Spring Meeting 2018, Strasbourg, Franta, iunie, 2018

14. L.R. Constantin, A.C. Parau, A. Vladescu, M. Braic, Corrosion and tribological behaviour of carbonitride based coatings in saline solution, prezentata la EMRS Spring Meeting 2018, Strasbourg, Franta, iunie, 2018
15. L.C. Constantin, A. Vladescu, M. Braic, I. Titorencu, V. Braic, Characterization of (Zr,Ti)CN coatings for biomedical applications, prezentata la EMRS Spring Meeting 2018, Strasbourg, Franta, iunie, 2018
16. A. Vladescu, L.C. Constantin, M. Braic, E. Grigore, I. Pana, A. Cimpean, V. Braic, Mechanical properties and biocompatibility of the sputtered SiC doped hydroxyapatite, prezentata la EMRS Spring Meeting 2018, Strasbourg, Franta, iunie, 2018
17. N.C. Zoita, A.E. Kiss, C. Vitelaru, I. Pana, M. Braic, Tunable electrical, optical and structural properties of (Y,In)N/Si thin films prepared by reactive RF magnetron sputtering, prezentata la EMRS Spring Meeting 2018, Strasbourg, Franta, iunie, 2018
18. A. Vladescu, Multifunctional coatings to simultaneously promote osseointegration and prevent infection, prezentata la The II International Symposium Advanced studies in the field of chemistry and biomedicine, Toms, Rusia, iunie, 2018
19. M. Balaceanu, A. Vladescu, V. Braic, A.C. Parau, Nanostructured multicomponent thin layers based on zirconium carbide with silicon and transition metal addition, resistant to wear and corrosion, prezentata la 46 Salon International des Inventions de Geneve, Geneva, Elvetia, aprilie, 2018
20. L.R. Constantin, M. Braic, A.C. Parau, A. Vladescu, V. Braic, Investigation of stainless steel alloyed TiSiC coatings prepared in C₂H₂ atmosphere by cathodic arc method, prezentata la E-MRS Spring meeting 2018, Strasbourg, Franta, iunie, 2018
21. A. Vladescu, L.C. Constantin, M. Braic, A.C. Parau, V. Braic, Corrosion and tribological behaviour of ZrCN and ZrCrSiCN coatings, prezentata la HERVEX 2018, Govora, Romania, noiembrie, 2018
22. E. Ungureanu, D.M. Vranceanu, A. Vladescu, A. Koptug, I.G. Sandu, M. Tarcolea, C.M. Cotrut, Characterization of Sr- and Mg- doped hydroxyapatite coatings obtained by electrochemical deposition on porous Ti6Al4V, prezentata la RoMat 2018, Bucuresti, Romania, noiembrie, 2018
23. D.M. Vranceanu, E. Ungureanu, M. Dinu, A. Koptug, R.A. Surmenev, A. Vladescu, C.M. Cotrut, Electrochemical Deposition of Bioactive Hydroxyapatite Coating on Electron Beam Melting Manufactured Surface, prezentata la RoMat 2018, Bucuresti, Romania, noiembrie, 2018
24. I.C. Ionescu, V.I. Negoiescu, D.M. Vranceanu, A. Berbecaru, A.C. Parau, A. Vladescu, M. Cojocaru, C.M. Cotrut, Bioactivation of cp-Ti with TiO₂ nanotubes and electrochemical hydroxyapatite coatings, prezentata la RoMat 2018, Bucuresti, Romania, noiembrie, 2018
25. A. Roșu, D.E. Constantin, M. Timofti, M. Voiculescu, B. Roșu, G. Murariu, A.I. Chelmuș, Study of air quality in the museum environment. Galati study case, prezentata la UGAL International Conference Multidisciplinary HUB for the Higher Education Internationalization by Means of Innovative Interaction with the Labour Market and Society, Galați, România, octombrie, 2018
26. L.M. Angheluță, R. Rădvan, Multi- And Inter- Disciplinary Approaches in the Documentation and Monitoring of Cultural Heritage Assets, prezentata la UGAL International Conference Multidisciplinary HUB for the Higher Education Internationalization by Means of Innovative Interaction with the Labour Market and Society, Galați, România, octombrie, 2018
27. I.M. Cortea, L.C. Ratoiu, M. Dinu, R. Rădvan, Progress and challenges in the analysis of modern paint layers: non-invasive characterization of complex mixtures by combined spectroscopy techniques and chemometrics, prezentata la Lasers in the Conservation of Artworks (LACONA XII), Paris, Franța, septembrie, 2018

28. I.M. Cortea, L.C. Ratoiu, L.M. Angheluță, A.I. Chelmuș, T. Mureșan, Spectroscopic and imaging based approach for the study of 18th century repainted Transylvanian icons, prezentata la Lasers in the Conservation of Artworks (LACONA XII), Paris, Franța, septembrie, 2018
29. A.I. Chelmuș, R. Rădvan, L.M. Angheluță, Aerial investigations corroboration for archaeology and monuments, prezentata la 11th International Conference on Developments in e-Systems Engineering (DeSE 2018), Cambridge, UK, septembrie, 2018
30. R. Rădvan, A.I. Chelmuș, L.M. Angheluță, L.C. Ratoiu, I.M. Cortea, D. Marinescu, Multi-step Approach for Characterization of Artworks Based on Hyperspectral Imaging and Complementary Techniques, prezentata la 11th International Conference on Developments in e-Systems Engineering (DeSE 2018), Cambridge, UK, septembrie, 2018
31. L.M. Angheluță, Advantages of photogrammetry as a competitive technology for cultural heritage 3D documentation, prezentata la Joint International Student Conference on Photonics and Modern Laser Applications Conference (ISCP-INDLAS 2018), Alba Iulia, România, septembrie, 2018
32. M. Dinu, I.M. Cortea, L.C. Ratoiu, G.R. Dascălu, R. Rădvan, Laser ablation applications on contemporary polychrome artworks, prezentata la Joint International Student Conference on Photonics and Modern Laser Applications Conference (ISCP-INDLAS 2018), Alba Iulia, România, septembrie, 2018
33. L.M. Angheluță, C.C. Angheluță-Constantin, Data management solutions for complex optoelectronic and inter-disciplinary investigations in cultural heritage, prezentata la Joint International Student Conference on Photonics and Modern Laser Applications Conference (ISCP-INDLAS 2018), Alba Iulia, România, septembrie, 2018
34. R. Rădvan, L.C. Ratoiu, I.M. Cortea, A.I. Chelmuș, L.M. Angheluță, D. Marinescu, Identification and discrimination of interventions on Nicolae Grigorescu painting, prezentata la Joint International Student Conference on Photonics and Modern Laser Applications Conference (ISCP-INDLAS 2018), Alba Iulia, România, septembrie, 2018
35. R. Rădvan, L.C. Ratoiu, I.M. Cortea, A.I. Chelmuș, L.M. Angheluță, D. Marinescu, Evaluation of the restoration intervention on Jan Massys's painting, prezentata la 5th International Congress on Chemistry for Cultural Heritage (ChemCH 2018), București, România, iulie, 2018
36. R. Rădvan, E-RIHS.RO in Cultural Heritage science results valorization, prezentata la 5th International Congress on Chemistry for Cultural Heritage (ChemCH 2018), București, România, iulie, 2018
37. L.M. Angheluță, L.C. Ratoiu, A.I. Chelmuș, A. Petculescu, Advanced digital platform for multidisciplinary characterization of a cultural landscape. Rupestral monuments from Buzău mountains, prezentata la 5th International Congress on Chemistry for Cultural Heritage (ChemCH 2018), București, România, iulie, 2018
38. I.M. Cortea, A combined Attenuated Total Reflection FTIR spectroscopy and Principal Component Analysis for the identification and characterisation of aged paint binders: case study on the polychrome decorations of an 19th century wooden church, prezentata la Conference on Tempera painting between 1800 and 1950. Experiments and innovations from the Nazarene movement to abstract art, Munich, Germany, martie, 2018
39. A.A. Popescu, M. Stafe, D. Savastru, L. Baschir, C. Negutu, N.N. Puscas, Study of Surface Plasmon Resonance Structure with As₂S₃ Amorphous Chalcogenide Compound Waveguide , prezentata la POLCOM 2018 - International Conference on Technologies for Polymeric and Composite Products, Bucuresti, Romania, noiembrie, 2018
40. L. Baschir, D. Savstru, I.C. Vasiliu, M. Elisa, I. Chilibon, C. Obreja, Spectroscopic ellipsometry studies of phosphorus oxide influence on graphene-ZnO sol-gel composite films optical properties ,

- prezentata la Joint International Student Conference on Photonics & Modern Laser Applications Conference ISCP-INDLAS, Alba Iulia, Romania, septembrie, 2018
41. M.I. Rusu, C.R. Stefan, Y. Addab, C. Martin, C. Pardanaud, D. Savastru, C.E.A. Grigorescu, Effects of substrate grain size and He plasma exposure on WO₃ thin films –an ellipsometry study, prezentata la European Materials Research Society - SPRING MEETING 2018, Strasbourg, Franta, iunie, 2018
 42. S.I. Dontu, C.L. Popa, C.I. Ioja, M. Tautan, E.M. Carstea, Spatial and temporal variability of organic matter from an urban lake, prezentata la 4th International Conference Water Resources and Wetlands, WRW2018, Tulcea, Romania, septembrie, 2018
 43. C.L. Popa, S.I. Dontu, P. Bretcan, E.M. Carstea, D. Savstru, Assessment of groundwater quality in a peri-rural area, prezentata la 5th International Conference Water Resources and Wetlands, WRW2018, Tulcea, Romania, septembrie, 2018
 44. C.L. Popa, S.I. Dontu, E.M. Carstea, D. Savstru, Evaluation of the self-purification processes in the Arges River Basin using laser induced fluorescence, prezentata la Joint International Student Conference on Photonics & Modern Laser Applications Conference ISCP-INDLAS, Alba Iulia, Romania, septembrie, 2018
 45. C.L. Popa, S.I. Dontu, E.M. Carstea, Storage influence of the fluorescence of aquatic organic matter, prezentata la Joint International Student Conference on Photonics & Modern Laser Applications Conference ISCP-INDLAS, Alba Iulia, Romania, septembrie, 2018
 46. A.A. Popescu, D. Savstru, M. Stafe, N.N. Puscas, High nonlinear behavior of optical reflectivity in surface plasmon resonance structures which contain amorphous As₂S₃ thin films, prezentata la Atom 2018. Advanced Topics on optoelectronics microtehnologies and nano technologies, Constanta, Romania, iunie, 2018
 47. A.A. Popescu, Surface Plasmon Resonance: Physics and Applications for Optoelectronics, prezentata la The 9th International Conference on Materials Science and Condensed Matter Physics ((MSCMP 2018) , Chisinau, Rep. Moldova, septembrie, 2018
 48. S. Miclos, D. Savastru, R. Savastru, I. Lancranjan, The Simulation and Design of a LPGFS System for Detection of Klebsiella in Water, prezentata la Joint International Student Conference on Photonics & Modern Laser Applications Conference ISCP-INDLAS, Alba Iulia, Romania, septembrie, 2018
 49. S. Miclos, D. Savastru, R. Savastru, I. Lancranjan, The Simulation and Design of a LPGFS System for Detection of Escherichia coli Bacteria in Milk, prezentata la Joint International Student Conference on Photonics & Modern Laser Applications Conference ISCP-INDLAS, Alba Iulia, Romania, septembrie, 2018
 50. S. Miclos, D. Savastru, R. Savastru, I. Lancranjan, Transverse mechanical stress and optical birefringence induced into single-mode optical fiber embedded in a smart polymer composite material, prezentata la MECHCOMP 2018: 4th International Conference on Mechanics of Composites, Madrid, Spania, iulie, 2018
 51. S. Miclos, D. Savastru, R. Savastru, I. Lancranjan, Analysis of mechanical vibrations applied on a LPGFS smart composite polymer material, prezentata la MECHCOMP 2018: 4th International Conference on Mechanics of Composites, Madrid, Spania, iulie, 2018
 52. D. Savastru, S. Miclos, R. Savastru, I. Lancranjan, Automobile structural health monitoring performed using long period grating fiber sensors, prezentata la POLCOM 2018: International Conference on Technologies for Polymeric and Composite Products, Bucuresti, Romania, noiembrie, 2018
 53. D. Savastru, S. Miclos, R. Savastru, I. Lancranjan, Composite material damage monitoring using embedded in polymer matrix optical fiber Bragg grating or long period grating sensors, prezentata

- la POLCOM 2018: International Conference on Technologies for Polymeric and Composite Products, Bucuresti, Romania, noiembrie, 2018
54. S. Miclos, D. Savastru, R. Savastru, I. Lancranjan, Torsion sensor made of a super structure fiber Bragg grating embedded into polymer matrix of an automobile composite material mechanical part, prezentata la POLCOM 2018: International Conference on Technologies for Polymeric and Composite Products, Bucuresti, Romania, noiembrie, 2018
 55. S. Miclos, D. Savastru, R. Savastru, I. Lancranjan, Long Period Grating fiber temperature sensor embedded into polymer matrix of an automobile composite material mechanical part, prezentata la POLCOM 2018: International Conference on Technologies for Polymeric and Composite Products, Bucuresti, Romania, noiembrie, 2018
 56. M. Zoran, R. Savastru, D. Savastru, D. Mateciuc, Analysis of seismic presignals recorded for some moderate Vrancea earthquakes , prezentata la 18th International Balkan Workshop on Applied Physics, Constanta, Romania, iulie, 2018
 57. M. Zoran, R. Savastru, D. Savastru, A. Dida, Application of remotely sensed thermal information to urban climatology of Bucharest, prezentata la 18th International Balkan Workshop on Applied Physics, Constanta, Romania, iulie, 2018
 58. M. Zoran, D. Savastru, I. Popa, Forest phenology monitoring by remote sensing technology , prezentata la 18th International Balkan Workshop on Applied Physics, Constanta, Romania, iulie, 2018
 59. M. Zoran, R. Savastru, D. Savastru, Derived Biogeophysical Information from Satellite Imagery for Assessment of Extreme Climate Impacts on Urban Green Environment, prezentata la 10th Jubilee International Conference of the Balkan Physical Union, Sofia, Bulgaria, 2018
 60. M. Zoran, R. Savastru, D. Savastru, D. Mateciuc, Investigation of Earthquake Precursors in Vrancea Active Geotectonic Region through Geospatial and Field Data, prezentata la 10th Jubilee International Conference of the Balkan Physical Union, Sofia, Bulgaria, 2018
 61. M. Zoran, D. Savastru, I. Popa, Remote Sensing Estimation of Climate Changes and Urbanization Impacts on Periurban Forest System of Bucharest, prezentata la Conferinta Internationala GEOMAPPLICA 2018, Ermopouli, Grecia, iunie, 2018
 62. D. Savastru, M. Zoran, R. Savastru, Assessment of Land Surface Temperature and Heat Fluxes over Bucharest Metropolitan Area by Satellite Remote Sensing Data , prezentata la Conferinta Internationala GEOMAPPLICA 2018, Ermopouli, Grecia, iunie, 2018
 63. M. Zoran, R. Savastru, D. Savastru, Analysis of Long Time Series Geospatial, Geophysical and Climate Data for Seismic Hazard Assessment, prezentata la Conferinta Internationala GEOMAPPLICA 2018, Ermopouli, Grecia, iunie, 2018
 64. M. Zoran, R. Savastru, D. Savastru, Multi-precursors assessment of earthquakes by geospatial and ground data, prezentata la Conferinta Remote Sensing Cyprus -Sixth International Conference on Remote Sensing and Geoinformation of the Environment2018 (RSCy 2018), Paphos, Cipru, martie, 2018
 65. D. Savastru, M. Zoran, R. Savastru, I. Popa, Integrated remote sensing for urban forest changes monitoring, prezentata la Conferinta Remote Sensing Cyprus -Sixth International Conference on Remote Sensing and Geoinformation of the Environment2018 (RSCy 2018), Paphos, Cipru, martie, 2018
 66. M. Zoran, D. Savastru, I. Popa, A. Dida, Forest land cover phenologies and their relation to climatic variables in a Carpathian Mountains region, prezentata la SPIE Remote Sensing for Agriculture, Ecosystems, and Hydrology XX 2018, Berlin, Germania, septembrie, 2018

67. M. Zoran, R. Savastru, D. Savastru, Climate effects of aerosols in Bucharest metropolitan area , prezentata la SPIE Remote Sensing Technologies and Applications in Urban Environments III 2018, Berlin, Germania, septembrie, 2018
68. M. Zoran, A. Dida, L.F. Zoran, Impact of extreme climate events and anthropogenic stressors on urban green albedo assessed from time-series MODIS satellite data, prezentata la SPIE Earth Resources and Environmental Remote Sensing/GIS Applications IX, Berlin, Germania, septembrie, 2018
69. D. Savastru, M. Zoran, R. Savastru, Spatiotemporal urban growth impact on Bucharest metropolitan region climate, prezentata la SPIE Remote Sensing Technologies and Applications in Urban Environments III 2018, Berlin, Germania, septembrie, 2018
70. M. Zoran, R. Savastru, D. Savastru, D. Mateciuc, Investigation of atmospheric anomalies recorded for moderate or strong earthquakes by geospatial and field data, prezentata la SPIE Earth Resources and Environmental Remote Sensing/GIS Applications IX, Berlin, Germania, septembrie, 2018
71. M. Elisa, B.A. Sava, L. Boroica, R. Iordanescu, I. Feraru, M. Eftimie, A. Beldiceanu, Sticle aluminofosfatice care conțin ioni de pământuri rare, utilizate ca senzori optici și procedeul de obținere a acestora, Cerere brevet inventie A00251/01.04.2014, prezentata la Salonul International de Inventii si Inovatii, Timisoara, Romania, 2018
72. B.A. Sava, L. Boroica, M. Sava, M. Elișă, Fertilizanți fosfato-potasici vitroși și metoda de producere a acestora, Cerere brevet inventie A/01159/2011, prezentata la Salonul International de Inventii si Inovatii, Timisoara, Romania, 2018
73. M. Elisa, B.A. Sava, L. Boroica, R. Iordanescu, I. Feraru, M. Eftimie, A. Beldiceanu, Sticle aluminofosfatice care conțin ioni de pământuri rare, utilizate ca senzori optici și procedeul de obținere a acestora, Cerere brevet inventie A00251/01.04.2014, prezentata la Salonul Inventica 2018, Iasi, Romania, 2018
74. B.A. Sava, L. Boroica, M. Sava, M. Elișă, Fertilizanți fosfato-potasici vitroși și metoda de producere a acestora, Cerere brevet inventie A/01159/2011, prezentata la Salonul Inventica 2018, Iasi, Romania, 2018
75. B.A. Sava, L. Boroica, M. Elisa, D. Ulieru, D. Craciun, Sticle boro-fosfatice cu proprietati magneto-optice si procedeu de fabricatie a acestora, Cerere brevet inventie A/01008/2016, prezentata la Salonul International de Inventii si Inovatii, Timisoara, Romania, 2018
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77. M. Elisa, R. Stefan, B. Sava, L. Boroica, M. Valeanu, V. Kuncser, A.C. Galca, A. Beldiceanu, Faraday rotators based on dysprosium ions-doped aluminophosphate glass, prezentata la 15th International Conference on Physics of Non-Crystalline Solids and 14th European Society of Glass Conference, Saint Malo, Franta, 2018
78. B.A. Sava, L. Boroica, O. Shikimaka, R.C.C. Monteiro, M. Elisa, R. Stefan Iordanescu, V. Kuncser, M. Popa, Z. Barbos, Cobalt oxide doped zinc-boron-phosphate glasses, preparation and properties, prezentata la 15th International Conference on Physics of Non-Crystalline Solids and 14th European Society of Glass Conference, Saint Malo, Franta, 2018
79. M. Elisa, R. Stefan, I.C. Vasiliu, B.A. Sava, L. Boroica, A.C. Galca, M. Sofronie, V. Kuncser, M. Secu, Investigation on magneto-optical properties of Te-based phosphate glass for Faraday rotators, prezentata la Joint European Magnetic Symposia, JEMS 2018, Mainz, Germania, 2018

80. I.C. Vasiliu, C.R. Stefan, M. Enculescu, M. Elisa, C.E.A. Grigorescu, C. Obreja, A. Avram, L. Boroica, B.A. Sava, Study of graphene-based sol-gel ZnO/P2O5 composite films as transparent conducting electrodes for solar cell applications, prezentata la 7th International Symposium on Transparent Conductive Materials, TCM 2018, Creta, Grecia, octombrie, 2018
81. Ø. Nordseth, I. Chilibon, B.G. Svensson, R. Kumar, S.E. Foss, C. Vasiliu, L. Baschir, D. Savastru, L. Fara, M. Filipescu, R.D. Trusca, Characterization of Cuprous Oxide Thin Films for Application in Solar Cells, prezentata la 14th International Conference on Diffusion in Solids and Liquids (DSL2018), Amsterdam, Olanda, iunie, 2018
82. C. Dumitru, I. Chilibon, L. Fara, Ø. Nordseth, R. Kumar, B.G. Svensson, P. Sterian, F. Dragan, V. Muscurel, C. Vasiliu, A. Parau, R. Stefan, Electro optical analysis and numerical modeling of Cu2O layer for advanced solar cells – A review, prezentata la International Conference on Photovoltaic Science and Technologies, PVCON 2018, Ankara, Turcia, iulie, 2018
83. Ø. Nordseth, R. Kumar, K. Bergum, F. Drăgan, D. Crăciunescu, L. Fara, I. Chilibon, E. Monakhov, S. E. Foss, B.G. Svensson, Performance optimization of a four-terminal Cu2O/c-Si tandem heterojunction solar cell, prezentata la 35th EUPVSEC, Brussels, Belgia, septembrie, 2018
84. C. Dinu, I. Chilibon, C. Vasiliu, R. Stefan, R. Isopescu, E-M. Ungureanu, Characterization of polyazulene complexing films, prezentata la Ediția a 5-a a Atelierului Francofon NOMARES si Conferința Internațională Chimia 2018 Noi tendințe în chimia aplicată, Constanta, Romania, mai, 2018
85. B.A. Sava, L. Boroica, M. Elisa, C. Bartha, R. Stefan, V. Craciun, Borate and phosphate glasses crystallization behaviour, prezentata la The 12th European Symposium on Thermal Analysis & Calorimetry (ESTAC12), Brasov, Romania, august, 2018
86. L. Boroica, B.A. Sava, M. Elisa, V.R. Medianu, M. Oane, O. Shikimaka, M. Popa, Vitreous Thin Films Obtained by Magnetron Sputtering, prezentata la Joint International Student Conference on Photonics & Modern Laser Applications Conference, ISCP-INDLAS 2018, Alba Iulia, Romania, 2018
87. L. Baschir, D. Savastru, I.C. Vasiliu, M. Elisa, I. Chilibon, C. Obreja, Spectroscopic ellipsometry studies of phosphorus oxide influence on graphene-ZnO sol-gel composite films optical properties, prezentata la Joint International Student Conference on Photonics & Modern Laser Applications Conference, ISCP-INDLAS 2018, Alba Iulia, Romania, 2018
88. B.A. Sava, L. Boroica, I.C. Vasiliu, O. Shikimaka, M. Oane, M. Popa, Nano-Carbon Doped Boron-Lead-Phosphate Glass. Obtaining And Properties, prezentata la 9th International Conference on Materials Science and Condensed Matter Physics, Chisinau, Moldova, septembrie, 2018
89. S. Andrei, B. Antonescu, S. Solomos, F. Toanca, V. Amiridis, D. Nicolae, On the relationship between mineral dust transport and hail properties in deep convective clouds, prezentata la EMS Annual Meeting: European Conference for Applied Meteorology and Climatology, Budapesta, Ungaria, septembrie, 2018
90. F. Toanca, A. Nemuc, S. Andrei, D. Nicolae, B. Antonescu, M. Adam, Investigation of the planetary boundary layer using ceilometer and microwave radiometer, prezentata la EMS Annual Meeting: European Conference for Applied Meteorology and Climatology, Budapesta, Ungaria, septembrie, 2018
91. B. Antonescu, D.M. Schultz, J.G. Fairman, F. Carbutaru, S. Andrei, F. Toanca, What we know and don't know about the societal and economic impact of severe weather events in Europe, prezentata la EMS Annual Meeting: European Conference for Applied Meteorology and Climatology, Budapesta, Ungaria, septembrie, 2018
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ANEXA 7.a. Comunicări prezentate la evenimente științifice naționale

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