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**RAPORT DE ACTIVITATE  
al Filialei Iași a Academiei Oamenilor de Știință din  
Romania (AOȘR) pentru anul 2023**

**A. Organizarea de manifestări științifice în colaborare cu parteneri din universități și institute de cercetare din țară și din străinătate**

1. Membru în Comitetul Științific și chairman sesiune al **11<sup>th</sup> International Conference on e-Health and Bioengineering, EHB 2023**, București, Romania, **9-10 Nov. 2023**, CS I, Dr. habil. **Tudor Barbu**.
2. Membru în Comitetul de Organizare al **3<sup>rd</sup> International Conference on Image Processing and Vision Engineering, IMPROVE 2023**, Prague, Czech Republic, **April 21-23, 2023**, CS I, Dr. habil. **Tudor Barbu**.
3. Membru în Comitetul Științific al **The 30<sup>th</sup> Conference on Applied and Industrial Mathematics CAIM 2023**, Iasi, **September 14-17, 2023**, CS I, Dr. habil. **Tudor Barbu**.
4. Membru în Comitetul de Organizare al **Global Summit and Expo on Robotics, Control and Automation Engineering, ROBOTICS 2023**, Tokyo, Japan, **September 07-08, 2023**, CS I, Dr. habil. **Tudor Barbu**.
5. Membru în Comitetul de Organizare al **12<sup>th</sup> International Conference on Pure and Applied Mathematics, ICPAM 2023**, Porto, Portugal, **July 18-21, 2023**, CS I, Dr. habil. **Tudor Barbu**.
6. Chairman de sesiune la **The 16<sup>th</sup> International Symposium on Signals, Circuits and Systems, ISSCS 2023**, Iasi, Romania, CS I, Dr. habil. **Tudor Barbu**.
7. Președinte al Congresului Internațional **"Pregătim viitorul promovând excelența"** organizat de către Universitatea Apollonia din Iași sub egida Academiei Oamenilor de Știință din România, **2-5 martie 2023**, Prof. univ. dr. **Burlui Vasile**.
8. Președinte al **Sesiunii Științifice Anuale a Institutului de cercetări "Acad. Ion Hăulică"** al Universității Apollonia din Iași împreună cu Comisia "Probleme moderne în fiziologia experimentală și clinică a sistemului stoatognat" din cadrul Filialei Iași a Academiei Române, **27 octombrie 2023**, Prof. univ. dr. **Burlui Vasile**.
9. Organizator în cadrul Zilelor Academice Ieșene, ediția a XXXVIII-a, ora 12, Sala Mică de Conferințe a Academiei Române– a **Simpozionului "Dinamica computațională a unor markeri de stress oxidativ în bolile**

**gastrointestinale și neuropsihiatrice”, 6 Octombrie 2023, Prof. Alin Ciobica**

10. Al XXX-lea **Simpozion anual „Mihai Eminescu”**, Institutul Român de Teologie și Spiritualitate Ortodoxă, New York, sub egida Academiei Oamenilor de Știință din România, Filiala USA, Uniunii Ziaristilor Profesioniști din România, Mitropoliei Ortodoxe Române a celor două Americi, cu tema „Educația și cultura română de azi, evaluare și direcții. Dialog imaginar cu Eminescu. Ce credeți, Domnule Eminescu, despre educația și cultura română de azi?.”, **14 Ian. 2023**, New York, organizat de **Theodor Damian**.
11. **Simpozionul dedicat Unirii Principatelor Române**, a XXX-a ediție, Institutul Român de Teologie și Spiritualitate Ortodoxă, New York, sub egida Academiei Oamenilor de Știință din România, Filiala USA, Uniunii Ziaristilor Profesioniști din România, Mitropoliei Ortodoxe Române a celor două Americi, **22 Ian. 2023**, New York, organizat de **Theodor Damian**.
12. **Simpozion științific „Factori de risc în medicina stomatologică contemporană” - Asociația** Societatea Romana de Reabilitare Orala”, **6-7 iulie 2023 IASI**, Conf.Univ.Dr. **Agop Forna Doriana**
13. **Simpozion științific „Priorități în practica și stomatologică” - Asociația Dentara Romana pentru Educație**, **7–8 Decembrie 2023**, Conf.Univ.Dr. **Agop Forna Doriana**
14. **Simpozion științific „Factori de risc în medicina stomatologică contemporană” - Asociația** Societatea Romana de Reabilitare Orala”, **6-7 iulie 2023 IASI**, Prof. Univ. Dr. **Norina Consuela Forna**
15. **Simpozion științific „Priorități în practica și stomatologică” - Asociația Dentara Romana pentru Educație**, **7–8 Decembrie 2023**, Prof. Univ. Dr. **Norina Consuela Forna**
16. **Congresul internațional al Universității Apollonia din Iasi**, **2 - 5 Martie 2023**, **Leonard Ionut Atanase**
17. **Sesiunea Științifică Anuală „Acad. Ioan Haulica”**, Universitatea Apollonia din Iasi, **27 Oct. 2023**, **Leonard Ionut Atanase**
18. **Conferința Internațională ModTech2023**, organizată de Asociația Profesională în Tehnologii Moderne de Fabricație, ModTech, Iași, Romania, Hotel Continental Forum, București, Romania, editie hibrida, **14-17 iunie**, **Dumitru Nedelcu**
19. **Conferința internațională Greek-Romanian relations from the decline of the Ottoman Empire to the end of the Cold War era (1821 - 1989)**, comunicarea *Ceaușescu, Greece and the Greek political emigration*, Universitatea Macedonia din Salonic, (la această conferință la care am făcut parte din comitetul de organizare, Universitatea „Ștefan cel Mare” din Suceava fiind principalul partener al Universității Macedonia), **22 – 24 noiembrie 2023**, prof.univ.dr. **Gheorghe Onișoru**
20. Membru în Comitetul de Organizare al **Congresului Internațional „Pregătim viitorul promovând excelența”** (“By promoting excellence, we prepare the future”), ediția a XXXIII-a, organizată de către Universitatea Apollonia din Iași sub egida Academiei Oamenilor de Știință din Romania în perioada **2 – 5 Martie 2023**, Prof. univ. dr. **Marcel Popa**
21. Coordonator al evenimentului **EUROINVENT – European Exhibition of Creativity and Innovation**, Palatul Culturii din Iasi, **11-13 mai 2023**, Conf.dr.ing.habil. **Andrei Victor Sandu**.
22. Coordonator al Conferinței **ICIR EUROINVENT – International Conference on Innovative Research**, Palatul Culturii din Iasi, **11-12 mai 2023**, Conf.dr.ing.habil. **Andrei Victor Sandu**.
23. Membru în comitetul de organizare și cel științific al Conferinței Internaționale: **Applications of Physics in Mechanical and Material**

- Engineering**, Czestochowwa University of Technology Poland, **29-30 iunie 2023**. Conf.dr.ing.habil. **Andrei Victor Sandu**.
24. Chairman Sectiune - **BIOREMED 2023**, Universitatea Lucian Blaga, Sibiu, **19-21 iulie 2023**, Conf.dr.ing.habil. **Andrei Victor Sandu**.
  25. Organizarea **Simpozionului național „Unirea Principatelor, semnificații naționale și anvergură istorică”**, Iași, **24 ianuarie 2023**, prof.univ.dr.**Ion I. Solcanu**
  26. Member of the Advisory Board, *International Conference “Computational Civil Engineering”* Iasi, Romania, **24-25 May 2023**, Prof. univ. Dr. **Nicolae Taranu**
  27. Member of the Scientific Committee of **“ModTech International Conference”**, hybrid, Bucharest, Romania, **14-17 June 2023**, Prof. univ. Dr. **Nicolae Taranu**
  28. Member of the International Scientific Committee, **“International Conference VSU 2023**, Sofia, **June 22-24 2023**, Prof. univ. Dr. **Nicolae Taranu**
  29. Membru comitet științific Al 18-lea **Congres Național al Societății Române de Chirurgie Cardiovasculară**, **23-25.11.2023**, Prof. Dr. **Tinica Grigore**
  30. Membru comitet științific **Joint Cardiac Symposium**, Belgrade, Serbia, **22-23.09.2023**, Prof. Dr. **Tinica Grigore**
  31. Membru al Comitetului Științific Internațional pentru **“12th International Confrence of Environmental Engineering and Management”**, Iasi, 13-16 septembrie 2023, Prof. **Maria Gavrilescu**
  32. Membru al Comitetului Științific Internațional pentru **International Conference on e-Health and Bioengineering EHB 2023** - 11-th Edition, 9-10 November 2023, Hybrid Conference, Bucuresti – Romania, Prof. **Maria Gavrilescu**
  33. Membru al Comitetului Științific Internațional pentru Euroinvent – European Exhibition of Creativity and Innovation, 11-13 mai 2023, Iasi, Romania, Prof. **Maria Gavrilescu**
  34. Membru al Comitetului Științific Internațional al **The 18th International Conference of Constructive Design and Technological Optimization in Machine Building**, OPROTEH 2023, 11-13 mai, 2023, Prof. **Maria Gavrilescu**
  35. Organizator al Conferinței Școlii Doctorale a Universității Tehnice “Gheorghe Asachi” din Iasi, 17-19 Mai, 2023, Prof. **Maria Gavrilescu**
  36. NanoBioMat 2023 – Summer Edition – “Applications of Chemistry in Nanosciences and Biomaterials Engineering”, online, 28-30 June 2023, <https://upb.ro/calendar-evenimente/virtual-international-scientific-conference-on-applications-of-chemistry-in-nanosciences-and-biomaterials-engineering-nanobiomat-2023-summer-edition/>, University Politehnica Bucharest and Academy of Romanian Scientists, Bucharest, Romania, **Maria Gavrilescu**
  37. Member of the International Scientific Committee, ICoAIMS 2023: 4nd International Conference on Applied & Industrial Mathematics and Statistics, Universiti Malaysia Pahang, Malaysia, 23 August 2023, **Constantin Fetecău**
  38. Fifth International Conference on emerging trends in engineering, management and sciences (ICETEMS-2023), City University of Science and IT Peshawar, Pakistan, December 20-21, 2023, **Constantin Fetecău**
  39. Membru in Comitetul stiintific The 40th “Caius IACOB” Conference on Fluid Mechanics and its Technical Applications, 19 – 20 octombrie 2023, Bucuresti, **Constantin Fetecău**

40. Membru in Comitetul stiintific The 30th Conference on Applied and Industrial Mathematics CAIM 2023, Iasi, September 14-17, 2023, **Constantin Fetecău**
41. Membru în Comitetul de Organizare **Cursul CardioRenal, sub egida Societății Române de Cardiologie**, Bucuresti, 10.03.2023,
42. Președinte al Școlii de Vară de Nefrologie, **sub egida Societății Române de Nefrologie**, Sucevița, 12-15 septembrie 2023
43. Președinte **Conferinta NefroDiab, sub egida Societății Române de Nefrologie**, Iași, 16-17.11.2023

## **B. Participare la sesiuni, conferințe/ congrese științifice naționale și internaționale**

### **- manifestări științifice internaționale:**

1. *Mathematical Models for Object Detection and Tracking*, **The 30<sup>th</sup> Conference on Applied and Industrial Mathematics, CAIM 2023**, Iasi, Romania, September 14-17, 2023, **Tudor Barbu**
2. *Multispectral Image Restoration using a Vector-valued Reaction-diffusion based Mixed Noise Removal Technique*, **The ISPRS Geospatial Week - GSW 2023**, Cairo, Egypt, 2-7 sept. 2023, **Tudor Barbu**
3. *Complexitatea lumii contemporane sau deruta post-pandemică*, **A XXXIII-a ediție a Congresului Internațional al Universității Apollonia "Pregătim viitorul promovând excelența"**, Iași, 2-5 martie 2023, **Vasile Burlui**
4. *Digitalizarea în reabilitarea gnatologică*, **A XXXIII-a ediție a Congresului Internațional al Universității Apollonia "Pregătim viitorul promovând excelența"**, Iași, 2-5 martie 2023, **Vasile Burlui**, Oana Cucoveică, Oana Popescu, Toni Andor Cigu, Andrei Ștefănescu, Cosimo Caltabellotta
5. *Chronic Fipronil and Pyriproxyfen Exposure Leads to Short-Term Effects on Anxiety and Locomotor Activity in a Zebrafish Model for Autism Spectrum Disorder*, **8th Neurological Disorders Summit**, Roma, 12-14 iunie 2023, Madalina-Andreea ROBEA Ioana –Miruna BALMUS, Mircea Nicoara, **Alin Ciobica**
6. *Perspectives on the behavioural and molecular effects of stress exposure in zebrafish animal models*, **7th International Congress on Medical and Health Sciences**, 6-8 July 2023, Ordu, Turkiye, Ioana – Miruna BALMUS, **Alin Ciobica**, Radu Lefter, Lucian Gorgan
7. *Zebrafish as a model to study the effects of environmental concentrations of antibiotics*, **Conf Turcia**, 2023, Viorica Rarinca, Gabriel Plăvan, Angelica Rusu, **Alin Ciobica**, Mircea Nicoară
8. AOSR, **International Conference on Innovations and Recent Trends in Engineering and Science – 2023**, Nigde, Turkey, Mădălina Ghidersa, Ana-Maria Negru, Gabriel Plavan, **Alin Ciobica**, Eman H. Rashwan
9. *Behavioral studies on cumulative effects in acute intoxication with a cocktail of polypropylene and valproic acid, using the invasive species percottus glenii*, **12th International Conference on Environmental Engineering and Management ICEEM12**, 13th - 16th of September 2023, Alexandra Savuca, Ionut-Alexandru Chelaru, Dorel Ureche, Mircea Nicusor Nicoara, **Alin Ciobica**
10. *Chronic stress exposure paradigm in zebrafish models – focusing on neurobehavioral and biochemical changes*, poster no EPV0624, **European Psychiatric Association**, 25 to 28 March 2023, Paris, M. Balmus , R. O. Cojocariu , R. Lefter , L. Gorgan , **A. Ciobica**

11. Gluten and anxiety: a difficult balance in people with celiac disease, EPV0078, **European Psychiatric Association** , 25 to 28 March 2023, Paris, M. A. Robea , **A. Ciobica** , C. Stanciu , A. Trifan
12. Neurological and neuropsychiatric comorbidities occurring in fatty liver diseases, poster no EPV0625, **European Psychiatric Association** , 25 to 28 March 2023, Paris, I.M. Balmus , M.A. Robea, R. Lefter , **A. Ciobica** , L. Huiban, C. Stanciu, A. Trifan
13. Vitamin D – a key factor in the treatment of asd people?, poster no EPV0631, **European Psychiatric Association**, 25 to 28 March 2023, Paris, M.A. Robea, M.I. Balmus, M. Nicoara, **A. Ciobica**
14. Nanopore sequencing as a novel approach to transcend into the deep universe of schizophrenia, poster no EPV0646, **European Psychiatric Association**, 25 to 28 March 2023, Paris, I.B. Nita, O.D. Ilie, **A.S. Ciobica**, L.D. Hritcu, R. Popescu, R.P. Dobrin
15. The suitability of zebrafish (Danio rerio) as an optimal organism to further investigate the associated schizophrenia-like phenotype, poster no EPV0646, **European Psychiatric Association**, 25 to 28 March 2023, Paris, I.B. Nita, O.D. Ilie, **A.S. Ciobica**, L.D. Hritcu, C. Solcan, R.P. Dobrin
16. Lumină lină: O revistă românească la New York. Lumina lină/Gracious Light: A Romanian Magazine in New York, prezentare la conferința internațională **Centru și margine. Cultură și civilizație în spațiul sud-est european**, Craiova, 27-28 octombrie 2023 (online), 27 octombrie 2023, **Theodor Damian**
17. East versus West in Europe: Enchantment and Disenchantment, prezentare la **17th ISSEI Conference** (The International Society for the Study of European Ideas) in cooperation with The Catholic Academy in Berlin, cu tema „The Role of the Intellectual in Times of Turmoil: Ways of Looking at Europe’s Troubled Geist”, 3-6 Iul. 2023, Berlin, **Theodor Damian**
18. Actualitatea relevaței viziunii lui Eminescu asupra educației, prezentare la **Al XXX-lea Simpozion anual „Mihai Eminescu”**, cu tema „Educația și cultura română de azi, evaluare și direcții. Dialog imaginar cu Eminescu. Ce credeți, Domnule Eminescu, despre educația și cultura română de azi?”, Institutul Român de Teologie și Spiritualitate Ortodoxă, New York, 14 Ian. 2023, New York, **Theodor Damian**
19. Patimile Domnului – drumul spre Înviere, prezentare la **Seară de sâmbătă filocalică**, Program educațional „Cercetându-ți credința” al Mitropoliei Ortodoxe Române a celor două Americi pentru Postul Sf. Paști 2023, Sâmbătă 8 aprilie 2023 (zoom), **Theodor Damian**
20. Arhimandritul Neofit Scriban despre unirea și ne-unirea Principatelor Române, lucrare prezentată la Simpozionul dedicat Unirii Principatelor Române, a XXX-a ediție, Institutul Român de Teologie și Spiritualitate Ortodoxă, New York, 22 Ian. 2022, New York, **Theodor Damian**
21. Certificate of Attendance –**Congres Internațional 46th EPA Congress**, 14-16 Septembrie 2023, Vilnius Lithuania, Conf.Univ.Dr. **Doriana Agop-Forna**
22. Diploma de participare – **Congres 26th BaSS Congress** – 11-14 mai 2023, Skopje, N. Macedonia, Conf.Univ.Dr. **Doriana Agop-Forna**
23. Certificat de participare la **Conferința AREO**, 06 APRILIE 2023, Iasi, Romania, Conf.Univ.Dr. **Doriana Agop-Forna**
24. Diploma de participare – **Congres Internațional Universitatea „Apollonia”** Iasi – 2-5 Martie 2023, Iasi, Romania, Conf.Univ.Dr. **Doriana Agop-Forna**

25. Certificate of Attendance –**Congres International 46th EPA Congress**, 14-16 Septembrie 2023, Vilnius Lithuania, Prof. Univ. Dr. **Norina Consuela Forna**
26. Certificate of attendance – **Congres International ADEE Annual Meeting** – 23-25 August, Liverpool, UK, Prof. Univ. Dr. **Norina Consuela Forna**
27. **Conferinta Stiintifica si Practica Chisinau-** 9-10 iunie 2023 Chisinau,R.Moldova, Prof. Univ. Dr. **Norina Consuela Forna**
28. Certificate of participation – **Congres 37th Balkan medical week** – June 7-9 2023, Chisinau , Moldova, Prof. Univ. Dr. **Norina Consuela Forna**
29. Diploma de participare – **Congres 26th BaSS Congress** – 11-14 mai 2023, Skopje, N. Macedonia, Prof. Univ. Dr. **Norina Consuela Forna**
30. Diploma de Excelenta pentru participarea la **Conferinta stiintifica cu participare internationala in memoria eminentului om de stiinta si profesor universitar Valentin Topalo**, Chisinau,R.Moldova - 28 aprilie 2023, Prof. Univ. Dr. **Norina Consuela Forna**
31. Certificat de participare la **Conferinta AREO**, 06 APRILIE 2023,Iasi,Romania, Prof. Univ. Dr. **Norina Consuela Forna**
32. Diploma de participare – **Congres International Universitatea „Apollonia” Iasi** – 2-5 Martie 2023, Iasi, Prof. Univ. Dr. **Norina Consuela Forna**
33. Studies regarding the safety in operation of the Hălçeni Reservoir, Iași County, Romania,“Gheorghe Asachi” Technical University of Iasi, Romania **6th International Conference of the Doctoral School**, May 17 - 19, 2022, Iași, România, Ioan Bălan, **Ion Giurma**
34. Piatra-Neamt water supply system general presentation/deficiencies, Romania **6th International Conference of the Doctoral School**, May 17 - 19, 2022, Iași, România, Andrei Păvăleanu, Catrinel-Raluca Giurma-Handley, **Ion Giurma**
35. *Assessing water quality implications of climatic changes on sewer systems*, **Conferința Internațională GEOMAT 2023**, sprepublicare in revista PANGEEA, Giurma-Handley Catrinel Raluca, Zaborila Anca, Ioan Corneliu Marțincu, **Ion Giurma**
36. *Increasing the performance and economic analisis of the water distrtribution network using pressure management*, **Conferința Internațională GEOMAT 2023**, spre publicare in revista PANGEEA, Giurma-Handley Catrinel Raluca, Zaborila Anca, Todirică Ion, **Ion Giurma**
37. *“New nanocarrier for inner ear pathology”*, **International Congress of "Apollonia" University**, 2023, Iasi, Romania, Loredana Iftode, Anca N. Cadinoiu, Delia M. Rata, **Leonard I. Atanase**, Daniela Gherghel, Marcel Popa, Luminita Radulescu
38. *“β-cyclodextrin/curcumin complex immobilized in albuminbased hydrogel films cross-linked with oxidized gellan for biomedical applications”*, **International Congress of "Apollonia" University**, 2023, Iasi, Romania, Camelia Elena Tincu (Iurciuc), Oana-Maria Darabă, **Leonard I. Atanase**, Marcel Popa, Lăcrămioara Ochiuz
39. *“Dexamethasone-loaded microparticles for the treatment of pulmonary infections”*, **International Congress of "Apollonia" University**, 2023, Iasi, Romania, Anca N. Cadinoiu, Delia M. Rata, **Leonard I. Atanase**, Gabriela Calin (Mihalache), Marcel Popa
40. *“Ibuprofen incorporated poly(ε-caprolactone) nanofibers deposited on gelatin/hyaluronic acid film for wound healing applications”*, **International Congress of "Apollonia" University**, 2023, Iasi, Romania, Tabinda Riaz, Nafisa Gull, Atif Islam, **Leonard Ionut Atanase**, Christelle Delaite

41. "Curcumin-loaded electrospun nanofibers based on poly(vinyl alcohol) and alginate for wound healing", **International Congress of "Apollonia" University**, 2023, Iasi, Romania, Delia M. Rață, Anca N. Cadinoiu, **Leonard I. Atanase**
42. "Synthesis, characterization, and application of BaFe<sub>12</sub>O<sub>19</sub>- (Ba-Ca)TiO<sub>3</sub> magnetoelectric nanoparticles for anti-cancer drug delivery", **International Congress of "Apollonia" University**, 2023, Iasi, Romania, Hend H. Nada, Ahmed I. Ali, **Leonard I. Atanase**, Mohammed Sallah
43. "In vivo biological study of nanocapsules based on Chitosan and Poly(N-vinyl pyrrolidone-alt-itaconic anhydride)", **International Congress of "Apollonia" University**, 2023, Iasi, Romania, Kheira Zanoune Dellali, Mohammed Dellali, Delia Mihaela Rata, Anca Niculina Cadinoiu, **Leonard Ionut Atanase**, Marcel Popa, Mihaela-Claudia Spataru, Carmen Solcan.
44. "In vitro biocompatibility assessment of new functionalized chitosan-coated liposome nanoparticles", **International Congress of "Apollonia" University**, 2023, Iasi, Romania, Daniela Gherghel, Anca Niculina Cădinoiu, **Leonard Ionuț Atanase**, Marcel Popa, Arne Sverre Sande, Cosmin-Teodor Mihai, Alexandru-Bogdan Stache, Gabriela Vochița.
45. "Poly(L-lactide-β-alanine) : Synthesis and Characterizations via direct melt copolymerization", **International Congress of "Apollonia" University**, 2023, Iasi, Romania, Slim Salhi, Lina Kadri, Cristian Peptu, **Leonard Ionut Atanase**, Marcel Popa, Anne-Sophie Schuller, Christelle Delaite, Houcine Ammar.
46. "Evaluation of some new synthesized peptide and non-peptide nanocapsules toxicity useful in drug delivery applications", **International Congress of "Apollonia" University**, 2023, Iasi, Romania, Gabriela Vochița, Delia-Mihaela Rață, **Leonard Ionuț Atanase**, Marcel Popa, Bo Nystrøm, Cosmin-Teodor Mihai, CristinaVeronica Moldovan, Daniela Gherghel.
47. "Random poly(ester-amide)s based on α-amino acids and ε-caprolactone by direct melt copolymerization", **International Congress of "Apollonia" University**, 2023, Iasi, Romania, Lina Kadri, Slim Salhi, Cristian Peptu, **Leonard Ionut Atanase**, Marcel Popa, Anne-Sophie Schuller, Christelle Delaite, Houcine Ammar.
48. "New drug release system based on functionalized albumin cross-linked with oxidized polysaccharides for the potential treatment of brain tumors", **International Congress of "Apollonia" University**, 2023, Iasi, Romania, Camelia Elena Tincu (Iurciuc), Silvia Vasiliu, Ștefania Racoviță, **Leonard Ionuț Atanase**, Marcel Popa, Ochiuz Lăcrămioara.
49. "Effect of hydroxyapatite content on poly(lactic acid) composites", **International Congress of "Apollonia" University**, 2023, Iasi, Romania, Nadjet Dehouche, Nedjma Tazibt, Mustapha Kaci, Mohamed Ragoubi, **Leonard Ionut Atanase**.
50. "Bio-based polyesteramides derived from natural amino acids", **International Congress of "Apollonia" University**, 2023, Iasi, Romania, Slim Salhi, **Leonard Ionut Atanase**, Marcel Popa, Christelle Delaite, Houcine Ammar.
51. "Self-assembly of block copolymers on surfaces exposed to space-confined solvent vapor annealing", **International Congress of "Apollonia" University**, 2023, Iasi, Romania, Iulia Babutan, Otto Todor-Boer, **Leonard Ionut Atanase**, Adriana Vulpoi, Simion Simon, Ioan Botiz.
52. „In vitro antibacterial activity of silver nanoparticles incorporated in bicomposite films", **International Congress of "Apollonia" University**, 2023, Iasi, Romania, Daniela Luminița Ichim, Delia M. Rață, Oana Maria Darabă, **Leonard I. Atanase**, Anca N. Cadinoiu.

53. *Polymeric Nano/Microcapsules Loaded with Dexamethasone for the Treatment of Pneumonia*, **3<sup>rd</sup> International Conference on Bioengineering and Polymer Science**, 2023, Bucharest, Romania, Delia Mihaela Rata, Anca Niculina Cadinoiu, **Leonard Ionut Atanase**, Luiza Madalina Gradinaru, Marcel Popa
54. *Peptides-Functionalized Micro/Nanospheres for the Treatment of Respiratory Infections*, **3<sup>rd</sup> International Conference on Bioengineering and Polymer Science**, 2023, Bucharest, Romania, Anca Niculina Cadinoiu, Delia Mihaela Rata, Silvia Vasiliu, **Leonard Ionut Atanase**, Marcel Popa
55. Plenary speaker **AMPT2023**, 13-16 septembrie, Bangi, Malaysia, **Dumitru Nedelcu**
56. Manifestation si international Protection of personal data in criminal proceedings, **8-th International Scientific Conference – Ethical and social dimensions in public administration** – Plenary session 6 – Criminal law and criminal procedural law – Ștefan cel Mare University of Suceava, 15- 17 June, 2023, **Vasile Păvăleanu**
57. Protection of personal date in criminal procedinags, **8-th. International Scintific Conference – Ethical and social dimensions in publi administration** – Plenary session 6 – Criminal law and criminal procedural law – Ștefan cel Mare University of Suceava, 15- 17 June, 2023, **Vasile Păvăleanu**
58. *Polysaccharide-derived Hybrid Formulations for Full-Thickness Skin Wound Healing*, **Virtual International Scientific Conference on “Applications of Chemistry in Nanosciences and Biomaterials Engineering” NanoBioMat 2023 – Winter Edition**, Gianina Dodi, Andreea-Mihaela Lungu, Aurelian Rotaru, Florina-Daniela Cojocar, **Marcel Ionel Popa**, Ioannis Gardikiotis
59. *Dexamethasone-loaded microparticles for the treatment of pulmonary infections*”, **The XXXIIIth editon Of the International Congress of „Apollonia” University from Iași under the slogan “By promoting excellence, we prepare the future”**, 2 - 5 March, Iași, Romania, 2023 (comunicare orală), A.N. Cadinoiu, D.M. Rata, L.I. Atanase, G.Calin (Mihalache), **Marcel Popa**
60. *“β-cyclodextrin/curcumin complex immobilized in albuminbased hydrogel films cross-linked with oxidized gellan for biomedical applications***The XXXIIIth editon Of the International Congress of „Apollonia” University from Iași under the slogan “By promoting excellence, we prepare the future”**, 2 - 5 March, Iași, Romania, 2023 (comunicare orală), ”, C.E. Tincu (Iurciuc), O.-M. Darabă, L.I. Atanase, **Marcel Popa**, L. Ochiuz
61. *“New nanocarrier for inner ear pathology”*, **The XXXIIIth editon Of the International Congress of „Apollonia” University from Iași under the slogan “By promoting excellence, we prepare the future”**, 2 - 5 March, Iași, Romania, 2023 (comunicare orală), L.Iftode, A.N.Cadinoiu, D.M.Rata, L.I.Atanase, D.Gherghel, **Marcel Popa**, L.Radulescu
62. *“Structure-property relationships in photo-polymerisable terpolymers”*, **The XXXIIIth editon Of the International Congress of „Apollonia” University from Iași under the slogan “By promoting excellence, we prepare the future”**, 2 - 5 March, Iași, Romania, 2023 (comunicare orală), S. Salhi, L.I. Atanase, **Marcel Popa**, C.Delaite, H.Ammar
63. *“In vitro biocompatibility assessment of new functionalized chitosan-coated liposome nanoparticles”*, **The XXXIIIth editon Of the International Congress of „Apollonia” University from Iași under the slogan “By promoting excellence, we prepare the future”**, 2 - 5 March, Iași,

- Romania, 2023 (comunicare orală), D.Gherghel, A.N.Cădinoiu, L.I. Atanase, **Marcel Popa**, A.S. Sande, C.T. Mihai, A.B. Stache, G. Vochița
64. "Evaluation of some new synthesized peptide and non-peptide nanocapsules toxicity useful in drug delivery applications", **The XXXIIIth editon Of the International Congress of „Apollonia” University from Iași under the slogan “By promoting excellence, we prepare the future”**, 2 - 5 March, Iași, Romania, 2023 (comunicare orală), G.Vochița, D.M. Rață, L.I. Atanase, **Marcel Popa**, B.Nystrøm, C.T. Mihai, C.V.Moldovan, D.Gherghel
65. "New drug release system based on functionalized albumin cross-linked with oxidized polysaccharides for the potential treatment of brain tumors", **The XXXIIIth editon Of the International Congress of „Apollonia” University from Iași under the slogan “By promoting excellence, we prepare the future”**, 2 - 5 March, Iași, Romania, 2023 (poster), C.E. Tincu (Iurciuc), S. Vasiliu, Ș. Racoviță, L.I. Atanase, **Marcel Popa**, L. Ochiuz
66. "Random poly(ester-amide)s based on  $\alpha$ -amino acids and  $\epsilon$ -caprolactone by direct melt copolymerization", **The XXXIIIth editon Of the International Congress of „Apollonia” University from Iași under the slogan “By promoting excellence, we prepare the future”**, 2 - 5 March, Iași, Romania, 2023 (poster), L.Kadri, S.Salhi, C. Peptu, L.I. Atanase, **Marcel Popa**, A.-S. Schuller, C.Delaite, H.Ammar
67. "Chitosan grafted poly(ethylene glycol) methyl ether acrylate nanoparticles: synthesis, characterization, and use as drug delivery system", **The XXXIIIth editon Of the International Congress of „Apollonia” University from Iași under the slogan “By promoting excellence, we prepare the future”**, 2 - 5 March, Iași, Romania, 2023 (poster), C.L. Logigan, C.Delaite, C.E.Tiron, C.Peptu, **Marcel Popa**, C.A. Peptu
68. "Poly(L-lactide- $\beta$ -alanine) : Synthesis and Characterizations via direct melt copolymerization", **The XXXIIIth editon Of the International Congress of „Apollonia” University from Iași under the slogan “By promoting excellence, we prepare the future”**, 2 - 5 March, Iași, Romania, 2023 (poster), S.Salhi, L. Kadri, C.Peptu, L.I. Atanase, **Marcel Popa**, A.S. Schuller, C.Delaite, H. Ammar
69. "New cross-linked hydrogel based on biopolymers as potential support for curcumin immobilization with biomedical applications-obtaining and characterization", **The XXXIIIth editon Of the International Congress of „Apollonia” University from Iași under the slogan “By promoting excellence, we prepare the future”**, 2 - 5 March, Iași, Romania, 2023 (poster), M. Dellali, C.E. Iurciuc (Tincu), K.Z. Dellali, N. Spahis, H. Mahmoudi, **Marcel Popa**
70. "Preparation and physicochemical characterization of a biocompatible hydrogel based on gelatin cross-linked with oxidized alginate for biomedical applications", **The XXXIIIth editon Of the International Congress of „Apollonia” University from Iași under the slogan “By promoting excellence, we prepare the future”**, 2 - 5 March, Iași, Romania, 2023 (poster), C. Mahmoudi, C.E. Iurciuc, **Marcel Popa**, N.T. Douma
71. "In vivo biological study of nanocapsules based on Chitosan and Poly(N-vinyl pyrrolidone-alt-itaconic anhydride)", **The XXXIIIth editon Of the International Congress of „Apollonia” University from Iași under the slogan “By promoting excellence, we prepare the future”**, 2 - 5 March, Iași, Romania, 2023 (poster), K.Z.Dellali, M. Dellali, D.M. Rata, A.N. Cadinoiu, L.I. Atanase, **Marcel Popa**, M.C. Spataru, C.Solcan
72. «Bio-based polyesteramides derived from natural amino acids”, **The XXXIIIth editon Of the International Congress of „Apollonia”**

- University from Iași under the slogan "By promoting excellence, we prepare the future", 2 - 5 March, Iași, Romania, 2023 (poster), S. Salhi, L.I. Atanase, **Marcel Popa**, C. Delaite, H. Ammar**
73. "Nanoparticles based on Functionalized Albumin Cross-linked with Oxidized Polysaccharides Used for Drug Delivery in Brain Tumors Therapy", **3<sup>rd</sup> International Conference on Bioengineering and Polymer Science, 7 - 11 June, Bucharest, Romania, 2023** (poster), C.E. Tincu (Iurciuc), S. Vasiliu, S. Racovita, **Marcel Popa**, L. Ochiuz
74. *Novel Titanium Alloys for Medical Applications (Invited Speaker)*, **International Seminar on Innovative Engineering Research** (in conjunction with Kaohsiung International Invention and Design EXPO KIDE 2023) 1 decembrie 2023, **Andrei Victor Sandu**
75. 3D printing of architectural elements of cultural heritage using fiber-reinforced mortar: A novel approach for rehabilitation and conservation, **14th International Conference on non destructive investigations and microanalysis for the diagnostics and conservation of cultural and environmental heritage**, Brescia November 28th/30th, 2023, Ungureanu D, Onuțu C, **Țăranu N**, Ghiga DA
76. Converting an industrial hall into a museum of industrial archeology: Approaches and plans for the transformation of 'The tobacco storehouse in Iași, Romania, **14th International Conference on non destructive investigations and microanalysis for the diagnostics and conservation of cultural and environmental heritage**, Brescia November 28th/30th, Ghiga DA, Ungureanu D, Onuțu C, **Țăranu N**, Spiridon IA
77. *Theoretical analysis regarding cooling photovoltaic thermal panels with water - case study*, **6-th International Conference of the Doctoral School**, TUIasi, May 17-19, 2023, Alexa M, **Țăranu N**, Hudișteanu S V, Nelu-Cristian Cherecheș N C., Țurcanu, F E.
78. Panelist Session 4: Different revascularization strategies among patients presenting with and without ACS, **Joint Cardiac Symposium**, 22-23.09.2023, Belgrade, Serbia, Prof. univ. Dr. **Tinica Grigore**
79. Preparing the assessment of students' perception and attitude towards solid waste management in university campuses, Madalina Rotaru, **Maria Gavrilescu**, **12th International Conference on Environmental Engineering and Management**, Iasi, Romania, 13-16 September 2023.
80. Study on film and pore diffusion modeling for adsorption of organic pollutants in soil, Camelia Bețianu, Ionela-Cătălina Vasilachi, Mariana Minuț, **Maria Gavrilescu**, **12th International Conference on Environmental Engineering and Management**, Iasi, Romania, 13-16 September 2023.
81. Evidence of *Sinapis alba* l. tolerance and accumulation of Cu(II), Co(II), Ni(ii) and Zn(II) from polluted soils, Raluca-Maria Tabuleac, Petronela Cozma, Mariana Minut, Mihaela Rosca, Raluca-Maria Hlihor, Maria Paiu, Ionela-Catalina Vasilachi, Diana-Elena Ungureanu-Comanita, **Maria Gavrilescu**, **12th International Conference on Environmental Engineering and Management, Iasi, Romania**, 13-16 September 2023
82. Experimental studies on the potential of some agricultural plants to absorb lead from contaminated soils, Ionela Cătălina Vasilachi, Răzvan-Andrei Huțuliac, Vasile Stoleru, **Maria Gavrilescu**, **12th International Conference on Environmental Engineering and Management**, Iasi, Romania, 13-16 September 2023
83. Adsorption of heavy metals on medicinal plants dry biomass, Dana-Mihaela Asiminicesei, Laura Bulgariu, **Maria Gavrilescu**, **12th International Conference on Environmental Engineering and Management**, Iasi, Romania, 13-16 September 2023

84. Visible light driven photocatalytic degradation of a pharmaceutical water contaminant: assessment of process efficiency and products phytotoxicity, Maria Paiu, Lidia Favier, Raluca-Maria Hlihor, Doina Lutic, **Maria Gavrilescu**, ***12th International Conference on Environmental Engineering and Management***, Iasi, Romania, 13-16 September 2023
85. Identification of food wasting behaviour of consumers based on questionnaires Paula-Sanziana Oprea, Elena-Diana Comanita-Ungureanu, Petronela Cozma, **Maria Gavrilescu**, ***12th International Conference on Environmental Engineering and Management***, Iasi, Romania, 13-16 September 2023
86. Ensuring secure and sustainable supply chain of critical raw materials in industrial systems, Petronela Cozma, Maria Paiu, Ionela-Catalina Vasilachi, Dana-Mihaela Asiminicesei, Mariana Minut, Elena-Diana Comanita-Ungureanu, Mariana Diaconu, **Maria Gavrilescu**, ***12th International Conference on Environmental Engineering and Management***, Iasi, Romania, 13-16 September 2023
87. Strategies and tools applied for ensuring sustainability in tourism industry, Raluca-Maria Tâbuleac, Elena-Diana Comăniță-Ungureanu, Petronela Cozma, **Maria Gavrilescu**, ***12th International Conference on Environmental Engineering and Management***, Iasi, Romania, 13-16 September 2023
88. Preliminary investigations on the impacts of poultry meat production chain, Mihaela David, Cristina Ghinea, **Maria Gavrilescu**, ***12th International Conference on Environmental Engineering and Management***, Iasi, Romania, 13-16 September 2023
89. Studies on the behavior and phytoremediation potential of rapeseed (*Brassica napus* L.) growing on soil polluted with cadmium ions, Mariana Minuț, Mihaela Roșca, Petronela Cozma, Mariana Diaconu, Vasile Stoleru, **Maria Gavrilescu**, ***Applications of Chemistry in Nanosciences and Biomaterials Engineering, NanoBioMat 2023 –Summer Edition***, 28-30 June, 2023, Bucharest, Romania
90. ZnO asisted photocatalytic removal of a pharmaceutical pollutant: preliminary evaluation of the toxicity of treated solutions, Maria Paiu, Lidia Favier, Doina Lutic, Raluca-Maria Hlihor, **Maria Gavrilescu**, ***Applications of Chemistry in Nanosciences and Biomaterials Engineering, NanoBioMat 2023 – Summer Edition***, 28-30 June, 2023, Bucharest, Romania
91. Assessing the adsorbtion capacity of basil and lavender for heavy metals Mihaela Asiminicesei, Laura Bulgariu, **Maria Gavrilescu**, ***Applications of Chemistry in Nanosciences and Biomaterials Engineering, NanoBioMat 2023 –Summer Edition***, 28-30 June, 2023, Bucharest, Romania
92. Heavy metal removal from contaminated soils by phytoremediation, Raluca-Maria Tabuleac, Camelia Smaranda Betianu, **Maria Gavrilescu**, ***Applications of Chemistry in Nanosciences and Biomaterials Engineering, NanoBioMat 2023 –Summer Edition***, 28-30 June, 2023, Bucharest, Romania
93. Tolerance of White Mustard (*Sinapis Alba* L.) to Soil Polluted with Co(II), Cu(II), Ni(II) and Zn(II), Petronela Cozma, Mariana Minut, Mihaela Rosca, Raluca-Maria Hlihor, Maria Paiu, Ionela-Catalina Vasilachi, Diana-Elena Ungureanu-Comanita, **Maria Gavrilescu**, ***Applications of Chemistry in Nanosciences and Biomaterials Engineering, NanoBioMat 2023 – Summer Edition***, 28-30 June, 2023, Bucharest, Romania
94. Phytomining – Integrating environmental phyto-remediation with biomass valorization for the recovery of some critical metals and energy, **Maria Gavrilescu**, ***Conference for Sustainable Energy, CSE2023***, 7th Edition, Transilvania University of Brasov, 26-28 October 2023, Invited plenary lecture

95.Nephro Update Europe 2023, sub egida Societatii Europene de Nefrologie, **Covic Adrian**. 8-9.09.2023

**- manifestări științifice naționale:**

1. *Soluții de segmentare a imaginilor digitale utilizând modele geometrice și energetice / Digital Image Segmentation Solutions using Geometric and Energy-based Models*, **Tudor Barbu**, **Conferința Națională Științifică de Toamnă a AOSR 2023: "Știința pentru o societate sănătoasă"**, Constanța, 20-23 sept. 2023.
2. *Algoritmi de filtrare a zgomotului mixt utilizând modele PDE și energetice / Mixed Noise Filtering Algorithms using PDE and Energy-based Models*, **Tudor Barbu**, **Conferința Științifică de Primăvară a AOSR 2023: Transformarea digitală în științe**, sec. "Știința și Tehnologia Informației", București, 19-20 mai 2023.
3. *Geometry analysis-based models for automatic image segmentation*, **Tudor Barbu**, **Simpozionul „Sisteme Inteligente și Aplicații"**, din cadrul „Zilele Academice Ieșene", Iași, Romania, 13 oct. 2023.
4. *Rolul consimțământului informat al pacientului în reabilitarea orală*, **Vasile Burlui**, Oana Cucoveică, George Morarașu, Aurel Apintiliese, **Sesiunea Științifică Anuală a Institutului de Cercetări "Academician Ioan Hăulică"** împreună cu Comisia "Probleme moderne în fiziologia experimentală și clinică a sistemului stomatognat" din cadrul Filialei Iași a Academiei Române Iași, 27 octombrie 2023.
5. *Ticurile-psihopatologie versus patologie orală*. Cozmin Mihai, **Vasile Burlui**, **Sesiunea Științifică Anuală a Institutului de Cercetări "Academician Ioan Hăulică"** împreună cu Comisia "Probleme moderne în fiziologia experimentală și clinică a sistemului stomatognat" din cadrul Filialei Iași a Academiei Române Iași, 27 octombrie 2023.
6. *Alexandra Săvucă, Mircea Nicușor Nicoară, Alin Stelian Ciobîcă*, Evaluation of social behavior in the case of controlled intoxication with two types of polymers in zebra fish (Danio rerio), **Conferința națională științifică a Academiei Oamenilor de Știință din România transformarea digitală în științe**, 19 – 20 mai 2023, București.
7. *Alexandrina-Ștefania Curpă, Alexandra Săvucă, Alin Stelian Ciobîcă*, Do Zebrafish Have Personality? Possible Associations between Behavioural Patterns and Personality Traits in Danio rerio, **Conferința națională științifică a Academiei Oamenilor de Știință din România transformarea digitală în științe**, 19 – 20 mai 2023, București.
8. *Lungu Petru-Fabian, Lungu Miruna Corina, Alin Stelian Ciobîcă*, Current methods and approaches in the study of metacognition in schizophrenia, **Conferința națională științifică a Academiei Oamenilor de Știință din România transformarea digitală în științe**, 19 – 20 mai 2023, București.
9. *Ionuț-Alexandru Chelaru, Mircea Nicușor Nicoară, Alin Stelian Ciobîcă*, Anxiety assessment in the case of controlled intoxication with anti-inflammatory and antiepileptic substances in zebrafish (Danio rerio), **Conferința națională științifică a Academiei Oamenilor de Știință din România transformarea digitală în științe**, 19 – 20 mai 2023, București.
10. *Mădălina-Andreea Robea, Alin Ciobîcă*, The Effect of Exposure to Vitamin D3 and Pesticides Mixture on Zebrafish Behavior, **Conferința națională științifică de toamnă a AOSR 2023**, "Știința pentru o societate sănătoasă", Joi 21 septembrie 2023 – sâmbătă 23 septembrie 2023, Campusul Universității "Ovidius" din Constanța.

11. Alina Bujdei, **Alin Ciobîcă**, The Relevance of Metabolic and Behavioural Deficiencies in Zebrafish, **Conferința națională științifică de toamnă a AOSR 2023**, "Știința pentru o societate sănătoasă", Joi 21 septembrie 2023 – sâmbătă 23 septembrie 2023, Campusul Universității "Ovidius" din Constanța.
12. Mădălina Ene, **Alin Ciobîcă**, Gabriel-Ionuț Plavan, Mircea Nicușor Nicoară, Jijie Roxana Strungaru, Ionuț-Alexandru Chelaru, Alexandra Săvucă, The Relevance of Probiotic Administration in a Zebrafish Model of Alzheimer's Disease, **Conferința națională științifică de toamnă a AOSR 2023**, "Știința pentru o societate sănătoasă", Joi 21 septembrie 2023 – sâmbătă 23 septembrie 2023, Campusul Universității "Ovidius" din Constanța.
13. Mădălina Borcă, **Alin Ciobîcă**, Alin Iordache, Modern Aspects of the Complex Interactions between Biodiversity and the Main Neuropsychiatric Disorders, The Relevance of Probiotic Administration in a Zebrafish Model of Alzheimer's Disease, **Conferința națională științifică de toamnă a AOSR 2023**, "Știința pentru o societate sănătoasă", Joi 21 septembrie 2023 – sâmbătă 23 septembrie 2023, Campusul Universității "Ovidius" din Constanța.
14. Certificat de participare la **Simpozionul ADRE, 7-8 Decembrie 2023**, Iasi,Romania, Conf.Univ.Dr. **Doriana Agop-Forna**
15. **Congresul de Stomatologie Transilvania**, 12-14 octombrie 2023 Cluj Napoca,Romania, Conf.Univ.Dr. **Doriana Agop-Forna**
16. Certificat de absolvire „**Competente digitale de utilizare a tehnologiei informatiei ca instrument de invatare si cunoastere**” – 9-28 septembrie 2023, Iasi,Romania, Conf.Univ.Dr. **Doriana Agop-Forna**
17. Diploma de participare – **Conferinta Sesiunea de toamna AOSR – 21-23 Septembrie 2023**, Constanta,Romania, Conf.Univ.Dr. **Doriana Agop-Forna**
18. Diploma de excelente - **Simpozion UNAS**, 14-15 Septembrie 2023,Romania, Conf.Univ.Dr. **Doriana Agop-Forna**
19. Diploma de excelenta - **Congresul Colgiului Medicilor Stomatologi IasiI** – 7-9 Septembrie 2023, Iasi,Romania, Conf.Univ.Dr. **Doriana Agop-Forna**
20. **Conferinta de Biomateriale-Bioremed** Sibiu - 19-21 iulie 2023 ,Romania, Conf.Univ.Dr. **Doriana Agop-Forna**
21. Diploma de excelenta - **Simpozionul Științific de Medicină Dentară al ASRRO**, 6-7 Iulie 2023, Ias,Romania, Conf.Univ.Dr. **Doriana Agop-Forna**
22. Certificat de apreciere - **Congres of Dental Medicine Craiova**, Romania- 1-3 iunie 2023,Romania, Conf.Univ.Dr. **Doriana Agop-Forna**
23. Diploma de participare la **Conferinta Nationala stiintifica de primavara a AOSR**, 20 mai 2023 Bucuresti,Romania, Conf.Univ.Dr. **Doriana Agop-Forna**
24. **Simpozion de Medicina dentara-Zilele Facultatii de Medmcina dentara-UMF Iasi** - 18-20 mai 2023, Iasi,Romania, Conf.Univ.Dr. **Doriana Agop-Forna**
25. Diploma de Excelență – **Congres Euroinvent Iasi** ,Romania-11-12 mai 2023, Conf.Univ.Dr. **Doriana Agop-Forna**
26. Diploma de excelenta – **Simpozionul national cu participare internationala „Zilele Fr.I.Rainer”**, 4-6 Mai 2023 Bucuresti, Conf.Univ.Dr. **Doriana Agop-Forna**
27. Certificat de participare la **Simpozionul ADRE**, 7-8 Decembrie 2023, Iasi, Romania, Prof. Univ. Dr. **Norina Consuela Forna**
28. **Congresul STOMIS** 2-5 noiembrie 2023 Iasi, Prof. Univ. Dr. **Norina Consuela Forna**

29. **Congresul de Stomatologie Transilvania** - 12-14 octombrie 2023  
Prof. Univ. Dr. **Norina Consuela Forna**
30. **Congresul CMS BUCURESTI-** 5-8 OCTOMBRIE 2023,  
Bucuresti,Romania, Prof. Univ. Dr. **Norina Consuela Forna**
31. Certificat de absolvire **„Competente digitale de utilizare a tehnologiei informatiei - instrument de invatare si cunoastere”** – 9-28 septembrie 2023, Iasi,Romania, Prof. Univ. Dr. **Norina Consuela Forna**
32. Diploma de participare – **Conferinta Sesiunea de toamna AOSR** – 21-23 Septembrie 2023, Constanta,Romania, Prof. Univ. Dr. **Norina Consuela Forna**
33. Diploma de excelente - **Simpozion UNAS**, 14-15 Septembrie 2023,  
Prof. Univ. Dr. **Norina Consuela Forna**
34. Diploma de excelenta - **Congresul colegiului medicilor stomatologi**,  
Iasi – 7-9 Septembrie 2023, Iasi, Prof. Univ. Dr. **Norina Consuela Forna**
35. **Conferinta de Biomateriale-Bioremed**, Sibiu - 19-21 iulie 2023 ,  
Prof. Univ. Dr. **Norina Consuela Forna**
36. Diploma de excelenta - **Simpozionul Științific de Medicină Dentară al ASRRO**, 6-7 Iulie 2023, Iasi, Prof. Univ. Dr. **Norina Consuela Forna**
37. **Caravana profilaxiei** 6 iunie 2023 ,IASI, Prof. Univ. Dr. **Norina Consuela Forna**
38. Certificat de apreciere - **Congres of Dental Medicine Craiova** ,  
Romania- 1-3 iunie 2023, Prof. Univ. Dr. **Norina Consuela Forna**
39. Diploma de participare la **Conferinta Nationala stiintifica de primavara a AOSR**, 20 mai 2023 Bucuresti,Romania, Prof. Univ. Dr. **Norina Consuela Forna**
40. **Congres de Medicina dentara-Zilele Facultatii de Medmcina dentara-UMF Iasi** - 18-20 mai 2023, Prof. Univ. Dr. **Norina Consuela Forna**
41. Diploma de Excelență – **Congres Euroinvent**, Iasi ,Romania-11-12 mai 2023, Prof. Univ. Dr. **Norina Consuela Forna**
42. Diploma de participare - **Congres organizat de Facultatea de Medicină Dentară din Monastir**, Tunisia.5-6 mai 2023, Prof. Univ. Dr. **Norina Consuela Forna**
43. Diploma de excelenta – **Simpozionul national cu participare internationala „Zilele Fr.I.Rainer”** 4-6 Mai 2023, Prof. Univ. Dr. **Norina Consuela Forna**
44. Diploma de excelenta - **Conferinta nationala - prevenirea bolilor dentare dedicata Zilei Mondiale a Sanatatii** , Iasi,Romania - 6-7 aprilie 2023, Prof. Univ. Dr. **Norina Consuela Forna**
45. Certificat de recunoaștere – primul **Congres Internațional Francofon de Medicină și Ontologie** din România, 8-12 martie, Iași, România, Prof. Univ. Dr. **Norina Consuela Forna**
46. *Materiale dentare de substitutie pe baza de cristale de hidroxiapatita si filme de chitosan.* Adina-Maria Baroi (Danila-Dediu), Anca Niculina Cadinoiu, Delia Mihaela Rata, Omar Larbi Bouamrane, Aurelian Nichita Apintiliesei, **Leonard Ionut Atanase. Sesiunea Stiintifica Anuala in cadrul Zilelor Academice Iesene, Acad. “Ioan Haulica”**, Iasi, 2023.
47. *Prepararea și caracterizarea unor microcapsule polimerice funcționalizate cu peptide.* Delia Mihaela Rață, Cs Iii Dr. Anca Niculina Cadinoiu, Gabriela Vochița, Marcel Popa, **Leonard Ionuț Atanase, Conferința Națională Științifică de Toamnă a AOSR**, Septembrie 2023, Constanta, Romania.
48. *Evaluarea in vitro a potențialului citotoxic al nano/microsferelor funcționalizate cu peptide.* Anca Niculina Cadinoiu, Delia Mihaela Rață, Daniela

- Gherghel, Marcel Popa, **Leonard Ionut Atanase**, Conferința Națională Științifică de Toamnă a AOSR, Septembrie 2023, Constanta, Romania.
49. **Gheorghe Onișoru**, Conferința *Un secol de fascism european: Traume vechi, fascisme recente, comunicarea Considerații pe marginea pactului Georgescu – Pătrașcu din decembrie 1945*, I.N.S.T. București, 16 martie 2023.
  50. **Gheorghe Onișoru**, Conferința *Semnificațiile și importanța zilei de 9 mai pentru istoria și prezentul României*, comunicarea *Mai 1950. În Occident – declarația Schumann, în România – „noaptea demnitarilor”*, Secția de Istorie a Academiei Oamenilor de Știință din România, online, 9 mai 2023
  51. **Gheorghe Onișoru**, Masă rotundă *Mituri fondatoare ale statelor și politica lor*, Universitatea Andrei Șaguna din Constanța, 12 mai 2023
  52. **Gheorghe Onișoru**, Conferința de primăvară a Academiei Oamenilor de Știință, comunicarea *Iuliu Maniu: decizia de la Tămădău*, București, 19 mai 2023.
  53. **Gheorghe Onișoru**, Alma Mater Sucevensis, comunicarea *Efectele morții lui Stalin asupra conducerii Partidului Muncitoresc Român*, 22 iunie 2023
  54. **Gheorghe Onișoru**, Simpozionul *Repere fundamentale în evoluția instituțională a României (1923 – 2003)*, Constanța, comunicarea *Un pas înapoi pe drumul democrației. Constituția din 1923*, 25 – 26 august 2023
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## E. Granturi/Proiecte de cercetare

### - Naționale

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2. *Dual active targeting carriers for the treatment of pulmonary infections based on drug loaded peptides-functionalized polymeric nano/microparticles.* **PN-III-P4-ID-PCE-2020-2022, Leonard Ionut Atanase** (membru in echipa de cercetare).
  3. *Integration of photonic conversion layers based on photoemissive nanostructured materials for improving sunlight harvesting ability of solar cells.* **COFUND-LEAP-RE-NANOSOLARCELL, Leonard Ionut Atanase** (membru in echipa de cercetare).
  4. *Biocomposite hydrogels containing electrospun nanofibers with antimicrobial activity for healing burn wounds.* **PN-III-P1-1.1-PD-2021-0041, Leonard Ionut Atanase** (membru in echipa de cercetare).
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  10. *Prevenirea abandonului scolar si consilierea in alegerea traiectoriei in cariera pentru studentii anului I de medicina dentara si tehnica dentara*, Manager de proiect, **Norina Forna**
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  12. *De la școală în PRAXIS – antreprenoriate de succes cu studenți în medicina dentară*, Manager de proiect, POCU 2014-2020, Axa prioritară 6: Prof. Univ. Dr. **Norina Consuela Forna**,
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### - Internaționale

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4. „Environmental footprint reduction through eco-friendly technologies of mine tailings recycling”, **COFUND-ERAMIN-3-RecMine**, Durata: 2022 – 2024, **Andrei Victor SANDU** (membru in echipa de cercetare)
5. „Harnessing complementary curricular preparedness via sustainable management in response to civil and military pollution on the coastline, tributaries and lagoons in Black Sea's North, West, South zone”, Call: **EMFAF-2023-PIA-FLAGSHIP**, Type of action: EMFAF-PJG, Proposal number: **101124670, Black Sea SIERRA**, Durata: 2023 – 2026, **Andrei Victor SANDU** (membru in echipa de cercetare)
6. *Management committee member proiect COST Action CA19115 „Network for blood pressure research in children and adolescents”* 06.05.2020-05.05.2024, Prof. univ. Dr. **Tinica Grigore** (membru grant internațional)
7. *Cross-Border Transfer and Development of Sustainable Resource Recovery Strategies Towards Zero Waste (FULLRECO4US)*, **COST Action CA20133**, Responsabil RO, Member of Management Committee for Romania Network, **Maria Gavrilescu**
8. *Green Chemical Engineering Network towards upscaling sustainable processes (GREENERING) COST Action CA18224*, funded by COST (European Cooperation in Science and Technology), 2019-2023, membru, **Maria Gavrilescu**

## F. Alte activități

### - redactori și membri în colective de redacție

#### CS I. Dr. habil. Tudor Barbu

- Membru în colegiul de redacție al *Mathematics*, MDPI (IF = 2.592)
- Membru în colegiul de redacție al *Mathematical Problems in Engineering*, Hindawi (IF = 1.430)
- Membru în colegiul de redacție al *Journal of Applied Mathematics*
- Membru în colegiul de redacție al *Frontiers in Applied Mathematics and Statistics*
- Membru în colegiul de redacție al *ROMAI Journal*, ROMAI Society
- Membru în colegiul de redacție al *Journal of Image Processing Theory and Applications*
- Membru în colegiul de redacție al *Journal of Image and Graphics - JOIG*

- Membru în colegiul de redacție al *Journal of Information Analysis, Innovation Forever Publishing Group Limited*
- Membru în colegiul de redacție al *Journal of Intelligent Communication, UK Scientific Publishing Limited*
- Membru în colegiul de redacție al *Annals of the Academy of Romanian Scientists, Series on Science and Technology and Information, Ed. AOSR*

### **Prof.univ.dr. Vasile Burlui**

- Editor-Şef al revistei *International Journal of Medical Dentistry* (vol. 27, issue 1,2,3,4/2023)- Revistă publicată sub egida Academiei Oamenilor de Ştiință din România
- Editor-Şef al revistei *International Journal of Communication Research* (vol. 13, issue 1,2,3,4/2023) - Revistă publicată sub egida Academiei Oamenilor de Ştiință din România

### **CS I. Dr. Alin Ciobica**

- Editor *Current Issues in Molecular Biology MDPI*
- Editor *Molecular Medicine Reports Spandidos*
- Editor *Neuropsychopharmacology Reports - Wiley Online*
- Editor *Medicina MDPI*
- Editor *Evidence-Based Complementary and Alternative Medicine Hindawi*
- Editor *International Journal of Molecular Sciences MDPI*
- Editorial Board *Psychiatry and Clinical Neurosciences Reports---* wiley.com - Profesor invitat (în anul 2023)

### **Prof. Theodor Damian**

- Fondator și director: *Symposium, New York*
- Fondator și director: *Lumină Lină. Gracious Light, New York*
- Membru în colegiul de redacție pentru *Eon, Revistă semestrială editată de Editura Agnos, Sibiu* (<https://revista-eon.webnode.ro>)
- Guest peer reviewer pentru *Open Journal of Philosophy, Irvine, CA*
- Membru în colegiul de redacție pentru *Journal of Interdisciplinary Studies, Pasadena, CA*
- Membru al consiliului științific pentru *Philosophia Militans, Revistă de filosofie și gândire socială, Pitești (Argeș)*

### **Prof. Constantin Fetecau**

- Membru în Comitetul Editorial la „Buletinul Inst. Polit. Iași, Secția Matematică” (indexată Zentralblatt) ISSN 1244-7863. Jurnal indexat in Baze de date.
- Membru în Comitetul Editorial la jurnalul „Communications in Numerical Analysis (CNA)”, ISSN 2193-4215 ([www.ispacs.com/cna/](http://www.ispacs.com/cna/)). Jurnal indexat in Baze de date.
- Membru în Comitetul Editorial la „Mathematics and its Applications - Annals of AOSR (Academy of Romanian Scientists)”, ISSN 2066-6594. Jurnal indexat in Baze de date.
- Member of the Editorial Board “Open Journal of Mathematical Sciences”, ISSN 2616-4906 (<https://openmathscience.com>). Jurnal indexat in Baze de date.
- Editorial board member of “International Journal of Advanced and Applied Sciences”, Print ISSN: 2313-626X, eISSN: 2313-3724. Jurnal indexat in Baze de date

- Academic Editor of "Mathematical Problems in Engineering", ISSN: 1024-123X, Jurnal ISI, Impact factor 1.580 până în octombrie 2023.
- Editorial Board "Journal of Engineering and Applied Sciences Technology", eISSN: 1596-3233. Jurnal indexat in Baze de date.
- Editorial Board "Symmetry", eISSN 2073-8994, Jurnal ISI, Impact factor 2.940.

### **Prof. Norina Consuela Forna**

- Journal of Dental Research and Practice
- Membru al Colegiului de Redacție al Buletinului Academiei de Științe a Moldovei. Științe Medicale
- Membru al Editorial Review board - Implant Dentistry, The official journal of the International Congress of Oral Implantologists
- Redactor Șef al revistei Romanian Journal of Oral Rehabilitation revista cotata ISI cu factor de impact 0,7
- Redactor Șef al revistei Romanian Journal of Dental Education
- Redactor Șef Adjunct al Revistei Medico – Chirurgicale a Societății de Medici și Naturaliști din Iași

### **Prof. Leonard Ionut Atanase**

- Membru în colegiul de redacție pentru *Polymers*, Basel
- Membru în colegiul de redacție pentru *International Journal of Medical Dentistry*, *Universitatea Apollonia din Iasi*
- Membru în colegiul de redacție pentru *Nanoparticles Journal*,
- Membru în colegiul de redacție pentru *Applied Chemistry*.

### **Prof. Dumitru Nedelcu**

- Editor Șef, *International Journal of Hybrid Information Technology*, Global Vision Press, Australia.
- Editor Șef, *Advanced Engineering Forum*, Scopus etc., Trans Tech Publications Inc., Elveția.
- Editor Șef, *International Journal of Modern Manufacturing Technologies*.
- Editor Șef, *International Journal of Manufacturing Economics and Management*.
- Editor, *Annals of Dunarea de Jos University of Galați, Fascicle XII, Welding Equipment and Technology*.
- Topic editor, *Polymers*, jurnal WoS Zona Q1
- Topic editor *Materials*, jurnal WoS Zona Q2
- Editor, *Indian Journal of Engineering and Materials Sciences*
- Membru comitet editorial, *Journal of Mechanical Engineering and Automation (JMEA)- SUA*
- Membru comitet editorial, *Journal of Military Technology*, Romania
- Referent la revistele: *Applied Sciences*, *Macromolecular Symposia*, *Materials*, *Polymers*, *Annals of Dunarea de Jos University of Galati*, *Fascicle XII, Welding equipment and technology*, *Metals*, *ACTA TECHNICA NAPOCENSIS*.

### **Prof. Gheorghe Onișoru**

- reviewer la revista „Codrul Cosminului” <http://codrulcosminului.usv.ro/colege.html>
- membru colegiul de redacție „Arhivele totalitarismului”, București, INST

- <http://arhiveletotalitarismului.blogspot.ro/p/colegiul-de-redactie.html>
- editor al revistei „Journal of Intercultural Management and Ethics” (JIME), fondat de The Center for Socio-Economic Studies and Multiculturalism  
<https://jime.csesm.org/index.php/JIME/about/editorialTeam>

### **Prof. Marcel Ionel Popa**

- Membru în colegiul de redacție pentru *Buletin Institutul Politehnic, Iasi, (Romania)*
- Membru în colegiul de redacție pentru *Scientific Study and Research, Bacau (Romania)*

### **Prof. Marcel Popa**

- Redactor șef al revistei *Polymer Networks (Editura MDPI)*
  - Membru în colegiul de redacție pentru revista *Molecules (Macromolecular Section) (Editura MDPI)*
  - Membru în colegiul de redacție pentru revista *International Journal of Molecular Science (Macromolecular Section) (Editura MDPI)*
  - Membru în colegiul de redacție pentru revista *Journal Of Pharmaceutical Research and Drug Design*
  - Membru în colegiul de redacție pentru revista *International Journal of Drug Design and Development*
  - Membru în colegiul de redacție pentru revista *International Journal of Medical Dentistry*
  - Membru în colegiul de redacție pentru revista *Buletinul Institutului Politehnic Iași (sectia Chimie)*
- Editor invitat al unor editii speciale*
- Editie speciala a revistei *Pharmaceutics - Pharmaceutical Formulations with Antimicrobial Properties, vol I*
  - Editie speciala a revistei *Molecules - Polymeric Systems Loaded with Natural Bioactive Compounds*
  - Editie speciala a revistei *Nanomaterials - Carbon Nanostructures as Promising Future Materials, vol. I*
  - Editie speciala a revistei *Molecules - Drug Delivery Systems Based on Polysaccharides*
  - Editie speciala a revistei *International Journal of Molecular Sciences - Synthetic Polymers in Drug Delivery Systems*
  - Special Issue a revistei *International Journal of Molecular Sciences - Nanoparticles Based on Smart Polymers for Biomedical Applications*
  - Editie speciala a revistei *Polymers - Progress in Polymer Networks*
  - Editie speciala a revistei *Pharmaceutics - Pharmaceutical Formulations with Antimicrobial Properties, vol II (in derulare)*
  - Editie speciala a revistei *Nanomaterials - Carbon Nanostructures as Promising Future Materials, vol. II (in derulare)*

### **Prof. Adrian Covic**

- Membru în colegiul de redacție pentru *Journal of Nephrology*
- Membru în colegiul de redacție pentru *Archives Internal Medicine*
- **Editor sef Nephrology** „*International Journal of Urology and Nephrology*”

**Peer-reviewer la 14 reviste internaționale:** *Am. J. Kidney Disease, Nephrology Dialysis Transplantation, J Am Soc Nephrology, Blood Pressure and Kidney Research, Peritoneal Dialysis International, Int J Urology and Nephrology, Kidney International, Clin. Nephrol., Circulation, Hypertension, J. Hypertension, Ann Int Medicine, Archives Int Med, Ann Int Med.*

### **Conf. Andrei Victor SANDU**

- Publishing Editor al revistei științifice International Journal of Conservation Science (indexată SCOPUS și Web of Science, IF:0,8) [www.ijcs.ro](http://www.ijcs.ro) .
- Publishing Editor al revistei științifice European Journal of Materials Science and Engineering (indexată BDI – CAS) [www.ejmse.ro](http://www.ejmse.ro) ;
- Guest Editor:
  - MATERIALS (MDPI, Q2)
  - CRYSTALS (MDPI, Q2)
  - APPLIED SCIENCES (MDPI, Q2)
- Reviewer:
  - MATERIALS (Q2)
  - CRYSTALS (Q2)
  - APPLIED SCIENCES (Q2)
  - Construction and Buildings Materials (Q1)
  - POLYMERS (Q1)
  - ALLOYS (Q2)
  - ENTROPY (Q2)
  - Archives of Metallurgy and Materials (Q4)
  - Advances in Civil Engineering

### **Prof. Ion Solcanu**

- Editor-in-Chief al revistei ANNALS SERIES ON HISTORY AND ARCHAEOLOGY ACADEMY OF ROMANIAN SCIENTISTS

### **Prof. Viorica Ungureanu**

- Președinte al Asociația Internațională de Medicină & Călătorie "Ernest M.Ungureanu"
- Membră a Uniunii Medicale Balcanice

### **Prof. Nicolae Țăranu**

- Editor in Chief, Buletinul Institutului Politehnic din Iasi, Secția Construcții și Arhitectura.
- Member of the Editorial Board, Annals of the Academy of Romanian Scientists Series on Engineering Sciences.

### **Prof. Maria Gavrilescu**

#### **- editor al unor jurnale științifice:**

- ***Environmental Engineering and Management Journal*** (Managing Editor 2002-2014, Editor-in-Chief, 2014-prezent) (WoS) (<http://www.eemj.icpm.tuiasi.ro/>; [www.eemj.eu](http://www.eemj.eu))
- ***Procedia – Environmental Science, Engineering and Management*** (Editor-in-Chief)(Scopus) ([www.procedia-esem.eu](http://www.procedia-esem.eu))
- ***Annals of the Academy of Romanian Scientists - Series on Physics and Chemistry*** (Series Editor)(Index Copernicus) (<http://aos.ro/editura/analeleaosr/annals-on-physics-and-chemistry>)

- **Bulletin of the Polytechnic Institute of Iasi – Section Chemistry and Chemical Engineering** (2000-2004) (*Index Copernicus*) (<http://www.bipcic.icpm.tuiasi.ro/>)
- **Peer J**, (WoS), *Academic Editor* (<https://peerj.com/MGAV/>)
- **Water**, (WoS), *Academic Editor*, secțiunea *Water and Wastewater Treatment* ([https://www.mdpi.com/journal/water/sectioneditors/Water\\_Wastewater\\_Treatment](https://www.mdpi.com/journal/water/sectioneditors/Water_Wastewater_Treatment))
- **Plants**, (WoS) *Academic Editor*, secțiunea *Plant–Soil Interactions* (<https://www.mdpi.com/journal/plants/sectioneditors/plant-soil-interactions>)
- **Sustainability, (WoS)**, *Academic Editor*, secțiunea *Environmental Sustainability and Applications* ([https://www.mdpi.com/journal/sustainability/sectioneditors/environment\\_and\\_resources](https://www.mdpi.com/journal/sustainability/sectioneditors/environment_and_resources))
- **Processes**, (WoS), *Academic Editor* secțiunea *Green Processing* ([https://www.mdpi.com/journal/processes/sectioneditors/green\\_processes](https://www.mdpi.com/journal/processes/sectioneditors/green_processes))
- **Applied Sciences**, (WoS), *Academic Editor*, secțiunea *Green Sustainable Science and Technology* ([https://www.mdpi.com/journal/applsci/sectioneditors/green\\_sustainable\\_science\\_technology](https://www.mdpi.com/journal/applsci/sectioneditors/green_sustainable_science_technology))
- **Agriculture**, (WoS), *Academic Editor*, secțiunea *Ecosystem, Environment and Climate Change in Agriculture* ([https://www.mdpi.com/journal/agriculture/sectioneditors/Ecosystem\\_environment\\_climate\\_change\\_agriculture](https://www.mdpi.com/journal/agriculture/sectioneditors/Ecosystem_environment_climate_change_agriculture))
- **Hungarian Journal of Industry and Chemistry**, *Editor* ([https://hjjc.mk.uni-pannon.hu/index.php/hjjc/editorial\\_board](https://hjjc.mk.uni-pannon.hu/index.php/hjjc/editorial_board))

**- referent pentru reviste internaționale:**

Bulletin of Iasi Polytechnic Institute, Environmental Engineering and Management Journal Iasi Polytechnic Magazine, Bioprocess Engineering, Brazilian Journal of Chemical Engineering, Cellulose Chemistry and Technology, Chemical Engineering Journal, Chemosphere, CLEAN-Water, Air, Soil, Critical Reviews in Biotechnology, Environment International, Environmental Science and Technology, Environmental Technology, Energy, Journal of Environmental Management, Journal of Hazardous Materials, Clean-Soil Air, Water, Journal of Environmental Engineering and Landscape Management, Journal of Cleaner Production, Geoderma, International Journal of Environment and Pollution, Journal of Hazardous Materials, Bioprocess and Biosystems Engineering, Arid Land Research and Management, Universal Journal of Education and General Studies, Current Biotechnology, Journal of Research in International Business and Management, Separation Science and Technology, Resources, Conservation & Recycling, Desalination and Water Treatment, Water, Air, & Soil Pollution, Bioresource Technology, Critical Reviews in Environmental Science and Technology, Peer J, Water etc.

Referent de specialitate al editurii ECOZONE, Iasi, Romania

**Prof. Maricel Agop**

1. *Journal of Mathematical Physics*, AIP Publishing LLC, ISSN: 0022-2488, IF: 1.234, apariție lunară, (*referent*)
2. *International Journal of Nonlinear Science*, World Academic Press, ISSN: 1749-3889, IF: -, apariție bilunară (*referent*)

3. *General Relativity and Gravitation*, Springer Publishers, ISSN: 0001-7701, IF: 1.668, apariție lunară (*referent*)
  4. *Chaos, Solitons and Fractals*, Pergamon-Elsevier Science Ltd., ISSN: 0960-0779, IF: 1.611, apariție lunară (*referent*)
  5. *Physics Letters A*, Elsevier Science BV, ISSN: 0375-9601, IF: 1.677, apariție săptămânală (*referent*)
  6. *Physica Scripta*, IOP Publishing Ltd, ISSN: 0031-8949, IF: 1.194, apariție bilunară (*referent*)
  7. *Nonlinearity*, IOP Publishing Ltd, ISSN:0951-7715, IF: 1.289, apariție lunară (*referent*)
  8. *Buletinul Institutului Politehnic Iași*, Secția Matematică, Mecanică și Fizică, Universitatea Tehnică „Gheorghe Asachi” din Iași, ISSN: 1224-7863, IF: -, aparitie trimestrială (editor șef)
  9. *Journal of Engineering Studies and Research*, Universitatea „Vasile Alecsandri” Bacău, ISSN: 2068-7559, IF: - (*membbru în comitetul de redacție*)
  10. Editor șef al revistei International Journal of Physics (2008-2012)
- Editor invitat al revistei *Complexity* pentru numărul special intitulat: „Fractal-Type Dynamical Behaviors of Complex Systems”**

#### **- Profesor invitat**

##### **CS I. Dr. habil. Tudor Barbu**

- *Departamentul de Informatică, Universitatea Verona, Italia, profesor vizitator în perioada Iunie – Iulie 2023*

##### **Prof. Leonard Ionut Atanase**

- *Universite de Haute Alsace, Mulhouse, Franta, (susținere de seminarii), perioada 04.11.2022-21.11.2022,*

##### **Prof. Dumitru Nedelcu**

- *Silesian University of Technology, Mechanical Engineering Faculty, Gliwice, Poland, 2023-2024, Cursuri: Additive Manufacturing, Mechanics*
- *Silesian University of Technology, Mechanical Engineering Faculty, Gliwice, Poland, 2022-2023, Cursuri: Mechanics I, Procesarea și prelucrarea materialelor compozite, Proiect: Proiectarea matrițelor de injecție*
- *Alecu Russo State University, Balti, Republic of Moldova, 2022-2023, Cursuri: Tehnologia materialelor III, Tehnologia si proprietatile materialelor nemetalice*
- *Alecu Russo State University, Balti, Republic of Moldova, 2023-2024, Cursuri: Tehnologia materialelor III, Tehnologia si proprietatile materialelor nemetalice*

##### **Prof. Tinica Grigore**

- *Al 18-lea Congres Național al Societății Române de Chirurgie Cardiovasculară, 25-27.11.2023*

##### **Prof. Maricel Agop**

- *Universitatea Lille I, Departamentul de Fizică, Franța (poziție permanentă din 2009)*

- Universitatea din Atena, Grecia, Departamentul de Fizică (1999-2010)
- Universitatea din Innsbruck, Institutul de Ioni și Fizică Aplicată, Austria (2011-prezent)
- Universitatea din Reykjavik, Departamentul de Fizică, Island (2011)
- Universitatea din Hyogo, Laboratorul de Științe Avansate și Tehnologie pentru Industrie, Japonia (2008)

### - premii, recunoașterea meritelor academice și științifice pe plan național și internațional

- Premiul de excelență pt activitatea de cercetare 2019-2022, acordat în 2023, Universitatea „Al. I. Cuza”, CS I. Dr. **Alin Ciobica**
- Medalia Sf. Ștefan cel Mare din partea IPS Dr. Nicolae Condrea, Arhiepiscop și Mitropolit al Mitropoliei Ortodoxe Române a celor două Americi, **Theodor Damian**
- Diplomă de apreciere din partea Muzeului cărții și exilului românesc, Craiova, **Theodor Damian**
- Diplomă Magna cum Laude de onoare, loialitate și excelență cu ocazia aniversării a 120 de ani de existență neîntreruptă a Societății Române Creștine „Dorul” (fondată 1903, în New York), Nov. 2023, **Theodor Damian.**
- Diploma de ambasador cultural cu ocazia celei de a III-a ediții a Întâlnirii poezilor-teologi români de la Timișoara, **Theodor Damian**
- Diplomă de excelență din partea revistei *Bucureștii literar și artistic*, **Theodor Damian**
- Diplomă de laureat din partea săptămânalului *Literatura și arta* – 2022, pentru critică literară (Redactor-șef fondator Nicolae Dabija), **Theodor Damian**
- H index = 52, conform Google Scholar; i10-index = 137, conform Google Scholar; 7237 citări, conform Google Scholar, **Prof. Constantin Fetecau**
- În topul oamenilor de știință în matematică din lume “The 2nd edition of Research.com ranking of the best researchers in the discipline of Mathematics” 2022, ocup poziția 2095, <https://research.com/scientists-rankings/mathematics/ro>, **Prof. Constantin Fetecau**
- În lista cercetătorilor români, pentru anul 2022, eu ocup locul 45 din 170 de oameni de știință din România, din toate domeniile de activitate, **Prof. Constantin Fetecau**
- 2023 - Coordonator Atestat în “Terapii minim invazive cu ajutorul laserilor chirurgicali în medicina stomatologică” la Facultatea de Medicina Dentară din cadrul Universității de Medicina și Farmacie “Grigore T.Popa” Iași, **Agop-Forna Doriană**
- Atestat de abilitare în domeniul de studii universitare de doctorat Medicina dentară 27 septembrie 2023, **Agop-Forna Doriană**
- 2022 - Coordonator Rezidentiat Chirurgie dento-alveolară, **Agop-Forna Doriană**
- 2022 - Cercetător gradul II Institutul de cercetări avansate interdisciplinare “Ctin Angelescu”(ICAI) București, **Agop-Forna Doriană**
- 2019-2023 - Coordonator master, intitulat: “Metode noninvazive de diagnostic și tratament în medicina dentară (Terapii laser)”, UMF “Grigore T.Popa” Iași, **Agop-Forna Doriană**
- Premiul “Francisc Rainer” Academiei de științe medicale pentru “GHID PRACTIC ÎN APLICATII LASER” **Agop-Forna Doriană**. Editura “Grigore T. Popa”, 2018, ISBN 978-606-544-519-2

- Premiul „ George Emil Palade” al AOSR - pentru lucrarea `Termeni si expresii utilizate in medicina dentara”, Prof. Univ. Dr. **Norina Consuela Forna**
- Presedinte pe Europa GADEF Europa – 2022-2023, Prof. Univ. Dr. **Norina Consuela Forna**
- Vicepresedinte in Biroul Executiv GADEF - 2022-2023, Prof. Univ. Dr. **Norina Consuela Forna**
- Președinte CID-CDF - Confederația Decanilor Facultăților de Medicină Dentară de Origine Total sau Parțial Franceză din 2017 (al 2-lea mandat) 2023, Prof. Univ. Dr. **Norina Consuela Forna**
- Regent District 14-Central&Southem Europe ICD – 2023, Prof. Univ. Dr. **Norina Consuela Forna**
- Coordonator atestat Terapii implanto-protetice in Medicina dentara, 2023-2024, Prof. Univ. Dr. **Norina Consuela Forna**
- Coordonator cursuri postuniversitare 2023-2024, Prof. Univ. Dr. **Norina Consuela Forna**
- Coordonator rezidentiat Protetica dentara, Prof. Univ. Dr. **Norina Consuela Forna**
- Premiul Academiei de Stiinte Agricole si Silvice-2023(ASAS): Ion M.Gheorghiu pentru lucrarea „ Elemente de hidrologie avansata”, Editura Performantica,Iasi,2022, autori: Raluca Giurma-Handley, **Ion Giurma**
- Membru de Onoare al Academiei de Stiinte Medicale – 2022, **Mitu Florin**
- Premiu pentru lucrarea: Simona-Nicoleta Mazurchevici, Alina Marguta, Bogdan Istrate, Marcelin Benchea, Mihai Boca, **Dumitru Nedelcu** (autor corespondent), Improvements of Arboblend V2 Nature characteristics through depositing thin ceramic layers, Polymers 2021, 13(21), 3765, <https://doi.org/10.3390/polym13213765>, PRECISI-2023-74868
- Premiu pentru lucrarea: Kumar, S; Park, HS; **Nedelcu, D.**, (2021), Development of Real-time Grinding Process Monitoring and Analysis System, International Journal of Precision Engineering and Manufacturing, 22, 1345-1355, DOI: 10.1007/s12541-021-00539-5, PRECISI-2023-69112
- Premiu pentru lucrarea: Harshit K. Dave; Brijesh H. Patel; Shilpesh R. Rajpurohit; Ashish R. Prajapati; **Dumitru Nedelcu**, (2021). *Effect of Multi-Infill Patterns on Tensile Behaviour of FDM Printed Parts*, Journal of the Brazilian Society of Mechanical Sciences and Engineering (BMSE), 43(1), article number 23, PRECISI-2023- 75513
- 7 Medalii de aur și 1 de argint în cadrul Saloanelor Mondiale de invenții (Prof. Conf. **Andrei Victor SANDU** et al. - Device for continuous generation of bioactive solions):
  - *China (Shanghai) International Exhibition of Inventions*
  - *International Invention Innovation Competition in Canada, ICAN 2023*
  - *International Exhibition of Innovation IEI, Czestochowa, Poland 2023*
  - *International Invention Show INOVA Croatia 2023*
  - *INTARG 2023 - International Invention and Innovation Show, Poland*
  - *Kaohsiung International Invention and Design Show, KIDE 2023, Taiwan*
  - *INNOVERSE Innovation & Invention Expo, 2023, USA*
  - *2023 Japan Design, Idea & Invention Expo, JIDE*
- **Marele Premiu „Comandor Virgil Alexandru Dragalina”**, în valoare de 1000 dolari SUA, **București, 23.05.2023, pentru volumul Enciclopedia Centenarul Războiului de Întregire și al Marii Uniri (2014-**

2020) *Bibliografie, Manifestări științifice, Monumente și însemne comemorative*, colectiv: **prof. univ. dr. Ion Solcanu, autor-coordonator**; Bogdan-Adrian Ceobanu, Vasile Ciobanu, Valentin Ciorbea, Mihai Drecin, Ion Giurcă, Corneli Pădureanu, Anatol Petrencu, București, Editura Univers Enciclopedic Gold, Editura Academiei Oamenilor de Știință, Iași, 2022, 1712 p.

- Acordarea titlului de Doctor Honoris Causa, de către Universitatea „Bogdan Petriceicu Hașdeu” din Cahul, 22 noiembrie 2023, prof. univ. dr. **Ion Solcanu**
- Acordarea Ordinul *Crucea Bucovinei*, cea mai înaltă distincție a Arhiepiscopiei Sucevei și Rădăuților, oferită de Înaltpreasfințitul Calinic, Suceava, 20 martie 2023, prof. univ. dr. **Ion Solcanu**
- Premiul „Crucea Moldavă” Mitropolia Moldovei și Bucovinei, Iași, iunie 2023, **Prof. Adrian Covic**
- Premiul pentru „Excelență în Sănătate” în cadrul Seara Valorilor 2023 organizat de Primăria Municipiului Iași, octombrie 2023, **Prof. Adrian Covic**
- Premiul „Echipa medicală a anului” pentru Spitalul „Dr. C.I. Parhon” Departamentul de Transplant renal- Gala Colegiul Medicilor Iași, a 6-a editie, Iași, decembrie 2023, **Prof. Adrian Covic**
- Diplomă de excelență „Medicul Anului 2023”, în cadrul **Romanian Healthcare Awards 2023**, decembrie 2023, **Prof. Adrian Covic**

#### - traduceri, prefațări de volume, recenzii

- 10 recenzii pentru 11<sup>th</sup> *International Conference on e-Health and Bioengineering, EHB 2023*, **CS I. Dr. habil. Tudor Barbu**
- Recenzie despre *Spiritual Diary* de Sergius Bulgakov, *Journal of Interdisciplinary Studies*, An XXXV, Fall 2023, **Theodor Damian**
- Poetul și taina (recenzie la *Raze de lumină* de Marcel Miron), *Convorbiri literare*, Nr. 7 (331), Iul. 2023, pp. 106-107; *Lumină Lină/Gracious Light*, 28 (3), 2023, pp. 81-83, **Theodor Damian**
- Poezia ca mărturisire și doxologie (recenzie la *Bio metaforizare extremă* de Vasile Dan Marchiș), în *Lumină Lină/Gracious Light*, 28 (3), 2023, 83-85; *Contact Internațional*, 34 (237-239), 2024, 93; e-bibliotheca septentrionalis, **Theodor Damian**.
- Eseu subersiv (recenzie la *Subersiv* de Mircea Oprea), *Lumină Lină/Gracious Light*, 28 (3), 2023, 75-81, **Theodor Damian**.
- Iuliu-Marius Morariu and the rehabilitation of the Romanian literary exile (recenzie la *Virgil Gheorghiu on Communism, Capitalism and National Socialism* de Iuliu-Marius Morariu), *Lumină Lină/Gracious Light*, 28 (2), 2023, 95-96, **Theodor Damian**.
- Recenzor pentru urmatoarele jurnale ISI: ACS Applied Materials&Interfaces, ACS MacroLetters, Macromolecules, Journal of Colloids and Interface Science, Journal of Molecular Liquids, Applied Surface Science, Polymers, Colloid and Surfaces A, Materials, Journal of Applied Polymer Science, Polymer, Pharmaceutics, Nanomaterials, International Journal of Molecular Sciences, Biomedicines, **Prof. Leonard Ionut Atanase**.
- Recenzor jurnale ISI cu factor de impact: Polymers, factor de impact 5 ; Metals, impact factor 2,117 ; Materials, factor de impact 3,057 ; E-Polymer, factor de impact 1,675, **Prof. Dumitru Nedelcu**.
- Recenzor jurnale BDI : Academic Journal of Manufacturing Engineering ; International journal of modern manufacturing technologies ; Selected

engineering problems ; Advanced engineering forum ; Analele Universității Dunărea de Jos din Galați ; International Journal of Manufacturing Economics and Management, **Prof. Dumitru Nedelcu**.

#### - experți

- **CS I. Dr. habil. Tudor Barbu**, Evaluator Expert **UEFISCDI**
- **Prof. dr. Ing. Ion Giurma**, Expert în Comisia de certificare a corpurilor de experti pentru evaluarea stării de siguranță în exploatare a barajelor în în categoriile de importanță A și B, conform OM 1958/28.10.2021
- **Prof. dr. Ing. Ion Giurma**, Expert în Comisia de certificare a corpurilor de experti pentru evaluarea stării de siguranță în exploatare a barajelor în în categoriile de importanță C și D, conform OM 1958/28.10.2021
- **Prof. dr. Ing. Ion Giurma**, Expert în Comisia de Avizare a documentațiilor de evaluare a stării de siguranță în exploatare a barajelor încadrate în în categoriile de importanță C și D pentru zona Moldova, conform OM 1958/28.10.2021
- **Prof. dr. Ing. Ion Giurma**, Expert în Comisia de Avizare a documentațiilor de evaluare a stării de siguranță în exploatare a digurilor de apărare împotriva inundațiilor încadrate în categoriile de importanță C și D pentru zona Moldova, conform OM 2891/08.11.2023
- **Prof. dr. Ing. Ion Giurma**, Evaluarea stării de siguranță în exploatare a 2 lacuri de acumulare categoria B de importanță;
- **Prof. dr. Ing. Ion Giurma**, Evaluarea stării de siguranță în exploatare a 15 lacuri de acumulare categoria C de importanță.
- Expert străin **Dumitru Nedelcu**: GIAN-Global Initiative of Academic Networks, Program al Guvernului Indian, Manufacturing & Characterization of Composites, Department of Mechanical Engineering, S.V. National Institute of Technology, Surat, Gujarat, India, 1-9 iulie 2023.
- **Prof. Marcel Popa**, **Expert evaluator** pentru proiecte ale « Agence Universitaire de la Francophonie » (AUF)
- **Prof. Marcel Popa**, **Expert evaluator** pentru proiecte ale „Agence Nationale de Recherche” (ANR), France
- **Prof. Marcel Popa**, **Expert evaluator** pentru proiecte de cercetare stiintifica ale CFQCU- Quebec, Canada
- **Prof. Marcel Popa**, **Expert evaluator** pentru proiecte de cercetare stiintifica ale National Science Center (NCN), Polonia
- **Conf. Andrei Victor SANDU**, **Expert evaluator** Austrian Science Fund (1 aplicatie), Expert evaluator Poland National Science Centre NCN (12 aplicatii)
- **Prof. Maria Gavrilescu**, Expert evaluator UEFISCDI, Expert evaluator CE – Horizon 2020, Horizon Europe, Expert evaluator Agentia Natională de Cercetare Polonia

#### - Alte activități

##### **Prof. univ. dr. Vasile Burlui**

- publicare volumul de poezii "Portaluri", Editura Cartea Românească Educațional, 2023

##### **CS I. Dr. Alin Ciobica**

**Peer reviewer 2023:**

- 9 ianuarie Editor pt manuscris ijms-2178049 MDPI revista International Journal of Molecular Sciences – IF 6,2
- 5 ianuarie Editor pt manuscris medicina-2040843 MDPI revista Medicina– IF 2,94
- 13 ianuarie Editor pt manuscris medicina-2025627MDPI revista Medicina– IF 2,94
- 19 Ianuarie 2023 – Life MDPI, pt ms life-2168789, IF 3,25
- 2 Februarie 2023- Antioxidants MDPI – IF 7,67.
- 10 februarie 2023- Neurology International MDPI – IF 0,3
- 9 februarie 2023 - Antioxidants MDPI – IF 7,67.
- 3 martie Nutrition & Diabetes: !Nature group: IF 5,
- 28 feb 2021 - Pharmaceuticals MDPI - IF 6,52
- 6 martie – Antioxidants MDPI – IF 7,67
- 17 martie – Antioxidants MDPI – IF 7,67
- 31 martie – Pharmaceuticals MDPI – IF 5,21
- 4 Aprilie Editor articol Biomedicines MDPI – IF 4,75
- 14 Aprilie - Neurology International MDPI - -
- 27 Aprilie – Editor - Biomedicines MDPI – IF 4,75
- 15 mai - Biomedicines MDPI – IF 4,75
- 25 mai - Biomedicines MDPI – IF 4,75
- 27 Iunie- International Journal of Molecular Sciences-MDPI – IF 5,6
- 8 iunie – Biomedicines MDPI – IF 4,7
- 20 iulie - International Journal of Molecular Sciences-MDPI – IF 5,6
- 20 iulie - Folia Neuropathologica –IF 2,0
- 26 July – Toxics MDPI – IF 4,6
- 10 august 2023–CIMB- Current Issues in Molecular Biology MDPI – IF 3
- 14 August 2023- Toxics MDPI – IF 4,6
- 28 august - Folia Neuropathologica –IF 2,0
- 28 august – Pharmaceuticals MDPI – IF 5,4
- 08 September - Editor activites in Current Issues in Molecular Biology- MDPI - IF 3,1
- 9 September - Current Issues in Molecular Biology- MDPI - IF 3,1
- 1 October – Editorial decision at Current Issues in Molecular Biology- MDPI - IF 3,1
- 11 Octombrie – Brain Sciences MDPI – IF 3,3
- 3 Noiembrie – Diagnostics MDPI – IF 3,6.
- 27 noiembrie – Editorial decision at Current Issues in Molecular Biology- MDPI - IF 3,1
- 16 noiembrie – Editorial decision at Current Issues in Molecular Biology- MDPI - IF 3,1
- 13 decembrie 2023 – Psychoactives MDPI
- 30 decembrie - International Journal of Molecular Sciences MDPI – IF 5,6

### Theodor Damian

- peer review pentru *The Open Journal of Philosophy*, „Lessons from the Past. A Critical Analysis of the Persuasive Rethoric Imbedded in the Baghavad Ghita”, Nov. 2023.
- **Membru în comitetul de redacție a revistelor literare:**
  - *Apel la memorie*, Fundația Corneliu Coposu, București (din 2019);
  - *Conexiuni literare*, Bistrița (din 2017);
  - *Romanian Journal of Artistic Creativity*, New York (din 2016);

- *Ardealul Literar*, Deva (din 2015);
- *Sfera Eonică*, Craiova (din 2013);
- *Bucurestiul literar si artistic*, București (din 2011);
- *Nomen Artis. Dincolo de tăcere* (din 2011);
- *Noul Literator*, Craiova (din 2010);
- *Contact Internațional*, Iași (din 2010);
- *Lumea Românească. The Romanian World Press*, Grand Rapids, MI (din 2009);
- *Orizont Literar contemporan*, Vaslui (din 2009);
- *Carmina Balcanica*, Review of South Eastern European Spirituality and Culture, București (din 2008).

#### ● Poezii publicate:

- **Theodor Damian**, „Lazăre vino afară / Lázaro, sal afuera”, „Încă o dimineață / Una mañana más”, „Mor și nu mor / Muero y no muero”, „Egipteanca și Zosima / Egipciana y Zósimo”, „Pustia se măsoară-n tăceri / El desierto se mide en los silencios”, în *Lumini de candelă / Luces de velas, Antologia poezilor-teologi români contemporani*, Trad. de Carmen Bulzan, Coord. Carmen Bulzan și Vasile D. Suci, Ed. Kult, Timișoara, 2023, pp. 39-53.
- **Theodor Damian**, „Martiriu”, în *100 de ani de la instalarea Părintelui Aurel Munteanu ca protopop ortodox roman al Huedinului*, coord. Mădălin-Sebastian Lung, Dan-Ionuț Lupușan, Ed. Limes, Cluj, 2023, pp. 28-29.
- **Theodor Damian**, „Lázaro, sal”, „Una mañana más”, „Ciego, así escribo”, „Muero y no muero”, „Ya no sabemos”, „Otro desierto”, „La rima más adecuada”, „Egipciana y Zósimo”, „El desierto se mide en silencios”, „La caída del sueño”, în *Poemas Peregrinos. Antología de poesía rumana contemporánea*, selección y traducción Carmen Bulzan, edición Luis Cruz-Villalobos, Independently Poetry, Waco, TX, Santiago de Chile, Mendoza, 2023, pp. 117-133.
- **Theodor Damian**, „Încă o dimineață”, în *Popas jurnalistic și literar-artistic*, Nr. 43-44, Oct.-Nov. 2023, pp. 23-24.
- **Theodor Damian**, „Refugiu”, „Amo”, „Frumusețea Mariei”, în *Conexiuni*, An 2, Nr. 3-4, 2023/2024, pp. 34-35.
- **Theodor Damian**, „Viața ta”, „Proba labirintului”, „Fără să cazi”, „Din ce parte vii”, „Heraclit”, în *Constelații diamantine*, An XIV, Nr. 3 (151), Martie 2023, p. 31.
- **Theodor Damian**, „Taina Rinului”, „Am mai căzut odată”, „Metaphysically correct”, „Adam n-a murit”, „Mânia”, în *Constelații diamantine*, An XIV, Nr. 2 (150), 2023, p. 56.

#### ● Lansări de carte:

##### În cadrul cenaclului literar „M. Eminescu”, New York:

- 29 Nov. 2023 *My Youth* de Acad. Ioan-Iovitz Popescu
- 19 Nov. 2023 *Frumusețile iscodirii* de Theodor Damian
- 14 Mai 2023 *101 poezii* de Theodor Damian, Editura Academiei Române
- 30 Apr. 2023 *The Poetry of Gregory of Nazianzus: Discovering a New Face of His Personality* de Theodor Damian
- 26 Mar. 2023 *Casa Gândurilor* de Elena Mitru
- 12 Mar. 2023 *Tinerețea mea* de Ioan-Iovitz Popescu

27 Aug. 2023 Mircea Oprea (*Subsersiv, Nod pe frânghie*) și Theodor Damian (*101 poezii*), la Galeriile de Artă „Ștefan Luchian” din Botoșani (dir. Liviu Șoptelea)

● **Interviuri:**

- Nicolae Mares, „Interviu cu părintele profesor emerit, poetul și publicistul **Theodor Damian**”, în *Constelații diamantine*, An XIV, Nr. 5 (153), Mai 2023, pp. 21-23.

● **Mențiuni în dicționare și istorii literare:**

- **Theodor Damian**, în Florea Firan, *Memoria Emigrației*, Scrisul Românesc, Craiova, 2023, pp. 237-243.

## **Prof. Constantin Fetecau**

- **Membru în Comisii de doctorat din străinătate**

- ✓ Member of the assessment committee of the PhD thesis of Mr. Arfan Shahzad from Government College University Faisalabad, Pakistan 2023; Title: Numerical Solutions for Bioconvection Flows Due to Rotating Disk, Supervisor Dr. Muhammad Imran.
- ✓ Member of the assessment committee of the PhD thesis of Mr. Muzamil Hussain from COMSATS University Islamabad, Pakistan 2023; Title: Non-Similar Thermal Transport Analysis of Nanofluids, Supervisor Dr. Umer Farooq.
- ✓ Member of the assessment committee of the PhD thesis of Mr. Muhammad Tahir from COMSATS University Islamabad, Pakistan 2023; Title: Study of Peristaltic Flow and Heat Transfer of Reiner–Philippoff Fluid in an Asymmetric Non-Uniform Channel, Supervisor Dr. Adeel Ahmad.
- ✓ Member of the assessment committee of the PhD thesis of Ms. Saba from COMSATS University Islamabad, Pakistan 2023; Title: Mathematical Models for Peristaltic Flow of Nanofluids through Curved Channels, Supervisor Dr. Fahad Munir Abbasi.
- ✓ Member of the assessment committee of the PhD thesis of Ms. Abida Shaheen from Government College University Faisalabad, Pakistan 2023; Title: Numerical Solutions for Thermal Transport of Hybrid Nano-Fluids, Supervisor 1: Dr. Muhammad Imran; Supervisor 2: Dr. Hassan Waqas.
- ✓ Member of the assessment committee of the PhD thesis of Mr. Khalid Saeed from COMSATS University Islamabad, Pakistan 2023; Title: Double Diffusive Convection in Peristaltic Flow of Non-Newtonian Nanofluids in the Presence of Inclined Magnetic Field and Slip Effect, Supervisor Dr. Adeel Ahmad.
- ✓ Member of the assessment committee of the PhD thesis of Ms. Summaya Saif from COMSATS University Islamabad, Pakistan 2023; Title: Analytical Solutions of Some Inverse Problems for Fractional Differential Equations, Supervisor Dr. Salman Amin Malik.
- ✓ Member of the assessment committee of the PhD thesis of Ms. Mahnoor Sarfraz from Quaid-I-Azam University Islamabad, Pakistan 2023; Title: Heat Transport Analysis of Hybrid Nanofluid Flows: Numerical and Asymptotic Methods, Supervisor Dr. Masood Khan.

## **- Traduceri, prefatări de volume, recenzii**

- În calitate de membru în Comitetul editorial al jurnalului "**Symmetry**" am luat decizia pentru publicare sau nu a unui număr de 16 lucrări.

### **Recenzent științific**

În anul 2023 am recenzat **30**(treizeci) lucrări, după cum urmează:

- 1). Manuscript AEJ-D-23-06327** (Alexandria Engineering Journal)  
**Title:** Toward an understanding of second-grade fluid flow and heat over a slippery plate with viscous heating and chemically reactive species  
**Authors:** Laiba Gull, A. Mushtaq, and Meraj Mustafa
- 2). Manuscript RINENG-D-23-02381** (Results in Engineering)  
**Title:** MHD flow of generalized Second- Grade fluid with slip condition and exponential heat under the effects of chemical reaction and arbitrary shear stress  
**Authors:** Sehra, Gulrukh Farman, Haleema Sadia, Sami Ul Haq and Ilyas Khan
- 3). Manuscript ICHMT-D-23-03476** (International Communications in Heat and Mass Transfer)  
**Title:** Viscous Dissipation Effect in Extended Stokes's Second Problem in Microchannel with Isothermal Boundaries  
**Authors:** C.H. Hor, C.P. Tso, and G.M. Chen (Malaysia)
- 4). Manuscript POF23-AR-07892** (Physics of Fluids)  
**Title:** Finite-amplitude instability of the convection in a porous vertical slab with horizontal heterogeneity in permeability  
**Authors:** Yue Xiao, Qiao Li, Shaowei Wang, and Moli Zhao
- 5). Manuscript symmetry-2575325** (Symmetry)  
**Title:** Exact solutions of the Oberbeck-Bussinesk equations for the description of shear thermal diffusion of Newtonian fluid flows  
**Authors:** Sergey Ershkov, Natalya Burmasheva, Dmytro D. Leshchenko, Evgeniy Yu. Prosviryakov
- 6). Manuscript AEJ-D-23-01065 R2** (Alexandria Engineering Journal)  
**Title:** A New Model of Time-dependent Fractional Second Grade Fluid for Two-Dimensional Channel Flow with Heat Transfer  
**Authors:** Waqas Ali, Farhad Ali, Ata ur Rahman, I. Khan
- 7). Manuscript symmetry-2538641 R1** (Symmetry)  
**Title:** Numerical Study of Lorentz Force and Temperature-Dependent Density Effects on Solar Radiative Non-Newtonian Williamson Fluid flow over Inclined Moving Surface: Influence of Viscous Dissipation, Joule Heating Heat Source  
**Authors:** Amir Abbas, Radhika Khandelwal, Surendra Kumar Agarwal, Chemseddine Maatki
- 8). Manuscript symmetry-2497824** (Symmetry)  
**Title:** Numerical investigation of flow features behind cylinders in side-by-side  
**Authors:** Ali Ahmed, Shams-ul-Islam, Abdul Wahid, Dawood Khan
- 9). Manuscript symmetry-2475702** (Symmetry)  
**Title:** The study of Well-posedness and Analyticity for the three dimensional Micropolar fluid equations  
**Authors:** Muhammad Zainul Abidin, Muhammad Marwan, and Faisal Zaid Duraihem
- 10). Manuscript CSITE-D-23-00002** (Case Studies in Thermal Engineering)  
**Title:** MHD Generalized Casson Fluid Flow with Slip Wall, Newtonian Heating and heat generation with Fourier's Law by Prabhakar fractional derivative  
**Authors:** Sehra, Haleema Sadia, Sami Ul Haq and Ilyas Khan

- 11). Manuscript SRC-JEAST-23-229** (Journal of Engineering and Applied Sciences Technology)  
**Title:** Mathematical Contributions of Ravi P. Agarwal  
**Authors:** nu sunt trecuti
- 12). Manuscript symmetry-2424633** (Symmetry)  
**Title:** Numerical investigation of Casson nanofluid flow over a Curved Riga surface with porous medium and thermal radiation  
**Authors:** Javali K Madhukesh, Ioannis Sarris, Amal Abdulrahman
- 13). Manuscript ID mathematics-2461358** (Mathematics)  
**Title:** Optimal Dirichlet Boundary Control Problem for the Corotational Oldroyd Model  
**Authors:** Evgenii S. Baranovskii, Mikhail A. Artemov
- 14). Manuscript Number MAAN-D-23-00394** (Mathematische Annalen)  
**Title:** A note on regularity criterion for 3D shear thickening fluids in terms of velocity  
**Authors:** Cholmin Sin; Evgenii S. Baranovskii
- 15). Manuscript Number: IJTF-D-23-00183** (International Journal of Thermofluids)  
**Title:** MHD flow of generalized Second- Grade fluid with slip condition and exponential heat under the effects of chemical reaction and arbitrary shear stress  
**Authors:** Sehra, Gulrukh Farman, Haleema Sadia, Sami Ul Haq, Ilyas Khan
- 16). Manuscript symmetry-2489960** (Symmetry)  
**Title:** Unveiling the Complex Interplay of Multiple Slip Effects on Entropy Generation in Hydromagnetic Flow of Casson Nanofluid over an Exponentially Stretching surface  
**Authors:** Sajjad Haider, Nazir Ahmad Mir, Adnan Saeed Butt and Mohamed Reda Ali
- 17). Manuscript symmetry-2439935** (Symmetry)  
**Title:** Conjugate heat transfer model for an induction motor and its adequate FEM model  
**Authors:** Marek Gebauer, Tomaš Blejchar, Tomaš Brzobohaty and Miroslav Nevrela
- 18). Manuscript symmetry-2283289** (Symmetry)  
**Title:** Two-fluid classical and momentumless laminar far wakes  
**Authors:** K. Pillay and D.P. Mason
- 19). Manuscript symmetry-2214693** (Symmetry)  
**Title:** 2-Absorbing Vague Weakly Complete G-Ideals in G-Rings  
**Authors:** Serkan Onar, Kostaq Hila, Sina Etemad, Ali Akgül 4,5,6, Manuel De la Sen and Shahram Rezapour
- 20). Manuscript symmetry-2167082** (Symmetry)  
**Title:** The impact of increasing the length of the conical segment on the cyclone performance using large-eddy simulation  
**Authors:** Satyanand Pandey, and Lakhbir Singh Brar
- 21). Manuscript symmetry-2138568** (Symmetry)  
**Title:** The impact of increasing the length of the conical segment on the cyclone performance using large-eddy simulation  
**Authors:** Satyanand Pandey, and Lakhbir Singh Brar
- 22). Manuscript symmetry-2138568** (Symmetry)  
**Title:** Temperature Curve of Reow Furnace Based on Newton's Law of Cooling  
**Authors:** Bo-yang Li, Shi-you Lin, Li-sha Chen, Ming-yuan Zhao
- 23). Manuscript symmetry-1978250** (Symmetry)

**Title:** Numerical Study of Lorentz Force and Temperature-Dependent Density Effects on Solar Radiative Non-Newtonian Williamson Fluid flow over Inclined Moving Surface: Influence of Viscous Dissipation, Joule Heating Heat Source

**Authors:** Amir Abbas, Radhika Khandelwal, Surendra Kumar Agarwal, Chemseddine Maatki

**24). Manuscript AEJ-D-23-01065 R1** (Alexandria Engineering Journal)

**Title:** A New Model of Time-dependent Fractional Second Grade Fluid for Two-Dimensional Channel Flow with Heat Transfer

**Authors:** Waqas Ali, Farhad Ali, Ata ur Rahman, I. Khan

**25). Manuscript AEJ-D-23-01573** (Alexandria Engineering Journal)

**Title:** Chemical reaction, Soret and Dufour effects on MHD Convective Casson fluid past a vertical porous plate with ramped wall temperature and ramped surface concentration

**Authors:** M. Veera Krishna

**26). Manuscript AEJ-D-23-01065** (Alexandria Engineering Journal)

**Title:** A New Model of Time-dependent Fractional Second Grade Fluid for Two-Dimensional Channel Flow with Heat Transfer

**Authors:** Waqas Ali, Farhad Ali, Ata ur Rahman, I. Khan

**27). Manuscript POF23-AR-01634 R** (Physics of Fluids)

**Title:** Electroosmotic flow of Maxwell fluid induced by an alternating electric field in curved microchannels with rectangular cross section

**Authors:** Xu Yang, Moli Zhao, Shaowei Wang, and Yue Xiao

**28). Manuscript ID physics-2184254 R1** (Physics)

**Title:** On the use and misuse of the Oberbeck–Boussinesq approximation

**Authors:** Antonio Barletta, Michele Celli, D. Andrew S. Rees

**29). Manuscript AEJ-D-23-00260** (Alexandria Engineering Journal)

**Title:** Numerical Analysis of Hydro-magnetic Transport of Casson Nano-fluid over Permeable Nonlinearly Stretched Cylinder with Arrhenius Activation Energy

**Authors:** Abdul Rauf, Muhammad Sajid, Nehad Ali Shah, Yongseok Jeon

**30). Manuscript 4995455** (Mathematical Problems in Engineering)

**Title:** Thermophoresis and Brownian motion effects on Casson nanofluid flows over a convectively heated permeable stretching/shrinking slippery sheet in a porous medium

**Authors:** Kifle Adula Duguma, Oluwole Daniel Makinde and Lemi Guta Enyadene

**31). Manuscript ID physics-2184254** (Physics)

**Title:** On the use and misuse of the Oberbeck–Boussinesq approximation

**Authors:** Antonio Barletta, Michele Celli, D. Andrew S. Rees

**32). Manuscript ID AME-23-0040** (Advances in Mechanical Engineering)

**Title:** Numerical study of unsteady mixed convection MHD reacting and radiating Casson fluid past an accelerating plate in a porous medium

**Authors:** B. Prabhakar Reddy, O. D. Makinde and P. M. Matao

### **Prof. Ion Giurma**

- Membru în 4 comisii de doctorat la Universitatea Tehnică "Gheorghe Asachi" din Iași.
- Teze de doctorat îndrumate și finalizate
  - Cercetări privind impactul schimbărilor climatice asupra rețelelor de canalizare, autor *Ioan Corneliu Marțincu*, Universitatea Tehnică "Gheorghe Asachi" din Iași, iulie 2023, conducător științific Prof.dr.ing. Ion Giurma;
  - Contribuții privind monitorizarea și optimizarea sistemelor de alimentare cu apă, autor Ionuț-Emilian Todirică, Universitatea Tehnică

- “Gheorghe Asachi” din Iași, iulie 2023, conducător științific Prof.dr.ing. Ion Giurma;
- Cercetări privind siguranța în exploatare a unor amenajări hidrotehnice nepermanente, autor ing. Topolniceanu Alexandru, Universitatea Tehnică “Gheorghe Asachi” din Iași, iulie 2023, conducător științific Prof.dr.ing. Ion Giurma.

### **Prof. Gheorghe Onișoru**

- **Membru comisii doctorat și concursuri**
- **Comisii de doctorat:**
  - **conducător științific**
  - 20 iunie 2023, conducător științific, doctorand Valentin Ioan, Universitatea „Ștefan cel Mare” din Suceava
  - **referent**
  - 17 iunie 2023, referent științific comisie Universitatea „Ștefan cel Mare” din Suceava, doctorant Cristian Miron, conducător științific prof.univ.dr. Ștefan Purici
  - 21 iunie 2023, președinte comisie Universitatea „Ștefan cel Mare” din Suceava, doctorand Emanuel Bălan, conducător științific prof.univ.dr. Florin Pintescu
  - 16 septembrie 2023, referent științific comisie Universitatea „Ștefan cel Mare” din Suceava, doctorant Ionel Halip, conducător științific prof.univ.dr. Florin Pintescu
  - 21 septembrie 2023, referent științific comisie Universitatea Valahia din Târgoviște, doctorand Ghiță, conducător științific prof.univ.dr. Sergiu Musteață
  - 22 septembrie 2023, președinte comisie Universitatea „Ștefan cel Mare” din Suceava, doctorand Bogdan Cocieru, conducător științific prof.univ.dr. Ștefan Purici
  - 23 septembrie 2023, președinte comisie Universitatea „Ștefan cel Mare” din Suceava, doctorand Cosmin Niță, conducător științific prof.univ.dr. Florin Pintescu
  - 9 noiembrie 2023, referent științific comisie Universitatea Valahia din Târgoviște, doctorand Gabriel-Ion Degeratu, conducător științific prof.univ.dr. Ioan Opreș
  - 17 noiembrie 2023, referent științific comisie Universitatea Dunărea de Jos Galați, doctorand Ciprian Nițulescu, conducător științific prof.univ.dr. George Enache
- **Comisii de concurs:**
  - 3 februarie 2023, membru comisie conferențiar poz.16, Universitatea „Dunărea de Jos” din Galați
  - 5 februarie 2023, președinte comisie conferențiar poz.11, Universitatea „Ștefan cel Mare” din Suceava
  - 28 iunie 2023, președinte comisie lector poz.25, Universitatea „Ștefan cel Mare” Suceava

### **Prof. Vasile Păvăleanu**

- **Participare în comisii de doctorat**
  - - La 16.06.2023 am participat online în Comisia de doctorat din cadrul Școlii doctorale Științe Juridice din cadrul Universității de Stat, R. Moldova, unde un doctorand din România a susținut teza :

Protecția datelor cu caracter personal în procesul penal – ( din România și Republica Moldova).

- **Lansare de carte**

- In cadrul Salonului Internațional de Carte – Alma Mater Librorum , Ediția a IX, Suceava 23 -24 iunie 2023, a fost organizată lansarea cărții Drept procesul penal. Partea generală ,715 pagini și Drept procesul penal. Partea specială, 655 pagini, autor Vasile Păvăleanu, Editura Lumen, Iași, 2022.

## **Prof. Grigore Tinică**

- Certificate MAVIS, for the achievement of Mos Advanced Idea in the 2023 Heart Hackathon Grand Final, 29.10.2023, Prof. univ. Dr. **Tinica Grigore**
- Vicepreședinte al Societății Române de Chirurgie Cardiovasculară (2022-2024), Prof. Dr. **Tinica Grigore**
- Președinte Euro-Asian Bridge Society (2023,2024), Prof. univ. Dr. **Tinica Grigore**
- **Stagii de perfecționare**
  - Certificate– JOINT CARDIAC MEETING, The Euro-Asian Bridge Society and Serbian Society of Cardiovascular Surgery , 22-23.09.2023
  - Certificate – Live Activity, AATS 103rd Annual Meeting on May 6-9 2023, The American Association for Thoracic Surgery
- **Membru comisie**
  - *Comisie susținere publică doctorat*
  - Soluții inovatoare pentru asistarea mecanică a circulației în insuficiența cardiacă Doctorand: Alexandru Pleșoiianu (*conducător doctorat*) (decizie nr. 441/30.03.2023)
  - E-Health Applications in the context of smart cities. Doctorand: Antonio Clim (Academia de Studii Economice din București) *membru în comisia de susținere publică* (decizie nr. 81/05.09.2023)
  - Membru comisie de chirurgie cardiovasculară MS (ordin 2798/21.08.2023)
- **Membru comitet peer review**
  - Reviewer Experimental and Therapeutic Medicine (22.12.2022, 04.07.2023)
  - Reviewer Biomedical Reports (15.10.2022, 16.08.2023)
  - Reviewer Molecular Medicine Reports (06.09.2023)
  - Reviewer Oncology Letters (12.11.2022)
  - Reviewer Medicine International
- **Certificate of peer review**
  - Certificate of peer review for their important contribution to the quality of our publication Biomedical Reports on 16.08.2023.
  - Certificate of peer review for their contribution to the quality of our publication Molecular Medicine Reports on 06.09.2023.
  - Certificate of peer review for their contribution to the quality of our publication Experimental and Therapeutic Medicine on 04.07.2023.

- Certificate of peer review for their contribution to the quality of our publication Experimental and Therapeutic Medicine on 27.11.2023.

### **Prof. Adrian Covic**

- **Programul național de transplant:** coordonator al Centrului de transplant renal Iași (170 transplanturi renale supervizate și 400 pacienți transplantați din Iași și alte centre urmăriți în ambulatoriu).
- **Programul național de dializă hepatică**
- **conducator de doctorat** în anul universitar 2023 am îndrumat 8 doctoranzi
- **evaluare teze de abilitare**

### **Conferințe Științifice susținute în cadrul Filialei Iași a AOSR:**

Profesor **Florin Mitu:** "Prevenția bolilor cardiovasculare: evidente și paradoxuri".

21 octombrie 2023

CS I dr.habil.biolog **Alin Stelian Ciobica:** "Dieta, antioxidanții și bolile psihice".

6 mai 2023

Profesor **Vasile Burlui:** "Mesaj peste timpuri...".

18 martie 2023

CS I, dr. habil. **Tudor Barbu:** "Originile și dezvoltarea informaticii".

28 ianuarie 2023

### **Premii AOSR (în 2023 pentru 2021)**

**Norina FORNA**, Ioana GRECU, Premiul **GEORGE EMIL PALADE** pentru lucrarea: **Termeni și expresii utilizate în medicina dentară. Dicționar Român-Francez, Francez-Român**, Editura Medicală, București, 2021

**Secțiunea Științe Biologice**

**Gheorghe ONISORU**, Premiul **GRIGORE GAFENCU** pentru lucrarea: **Stalin și poporul rus... Democrație și dictatură în România contemporană. Vol. I – II**, Editura Corint, București, 2021

**Secțiunea Științe Istorice și Arheologice**

## SINTEZĂ

Coordonate	Valoare
<b>A. Organizarea de manifestări științifice în colaborare cu parteneri din universități și institute de cercetare din țară și din străinătate</b> (inclusiv membri în Comitetul științific)	<b>43</b>
<b>B. Participare la sesiuni, conferințe/ congrese științifice naționale și internaționale</b>	
- naționale	<b>87</b>
- internaționale	<b>95</b>
<b>C. Lucrări publicate</b>	
- în reviste cu factor de impact publicat în Journal Citation Reports (JCRs) în 2023	<b>199</b>
- în reviste incluse în baze de date (altele decât Web of Science)	<b>77</b>
- alte reviste	<b>14</b>
- ISI Proceedings	<b>2</b>
- volume ale unor conferințe	<b>22</b>
<b>D. Cărți, capitole de carte</b>	<b>33</b>
<b>E. Granturi/Proiecte de cercetare</b>	
- naționale	<b>17</b>
- internaționale	<b>8</b>
<b>F. Alte activități</b>	

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Profesor **Florin Mitu**: "Prevenția bolilor cardiovasculare: evidente și paradoxuri".

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