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## **RAPORT DE ACTIVITATE al Filialei Iași a Academiei Oamenilor de Știință din Romania (AOȘR) pentru anul 2024**

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

- [1]. Președinte al Congresului Internațional „**Pregătim viitorul promovând excelența**”, **ediția a XXXIV-a** organizat de către Universitatea Apollonia din Iași sub egida Academiei Oamenilor de Știință din Romania **în perioada 29 februarie - 3 martie 2024, Vasile Burlui.**
- [2]. 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, **29 octombrie 2024, Vasile Burlui.**
- [3]. Abordări interdisciplinare în bolile funcționale digestive, 10 octombrie 2024, ora 12, ACADEMIA ROMÂNĂ, FILIALA IAȘI, ZILELE ACADEMICE IEȘENE, Ediția a XXXIX-a, organizator, **Ciobică Alin Stelian.**
- [4]. SESIUNEA ȘTIINȚIFICĂ ANUALĂ 100 de ani de la nașterea Acad. Ioan Hăulică, Iași – 29 octombrie 2024, Institutul de Cercetări „Acad. Ioan Hăulică” al Universității „Apollonia” din Iași, prezentare SECȚIUNEA A.: OMAGIU ACAD. IOAN HĂULICĂ 29 octombrie 2024, Aula Filialei Iași a Academiei Române: “Actualitatea cercetărilor Acad. Ioan Hăulică : un cercetător înaintea timpurilor sale”, membru comitet organizatoric, **Ciobică Alin Stelian.**
- [5]. Membru în Comitetul științific, **Proiectul Cultural-Educațional Internațional „Români Celebri”**, Ediția A III-a „Camil Petrescu – inedit, 130 de ani de la naștere”, 22-23 aprilie 2024, Baia Mare, **Theodor Damian.**
- [6]. Simpozion Științific “**PREZENT ȘI VIITOR ÎN MEDICINA STOMATOLOGICĂ DIN ROMÂNIA**” - 5-6 IULIE 2024 IASI – Asociația Dentara Romana pentru Educație, **Norina Consuela Forna.**
- [7]. Congres Științific “**PRACTICA DIGITALĂ ÎN STOMATOLOGIA ACTUALĂ**” - 7–9 Noiembrie 2024, Asociația „Societatea Romana de Reabilitare Orala”, **Norina Consuela Forna.**

[8]. Președinte și organizator al Celei de-a **7-a Conferințe a Școlii Doctorale a Universității Tehnice "Gheorghe Asachi"** din Iași, 15-17 mai, 2024, Iasi, Romania.

**Prof. Maria Gavrilescu**

[9]. Membru în comitetul de organizare și Chair pentru Virtual International Conference **Application of Chemistry in Nanosciences and Biomaterials Engineering NanoBioMat**, Summer Edition, 19-21 June 2024

**Prof. Maria Gavrilescu**

[10]. Membru în comitetul de organizare al Virtual International Conference **Application of Chemistry in Nanosciences and Biomaterials Engineering NanoBioMat**, Winter 2024, 27-29 noiembrie, 2024

**Prof. Maria Gavrilescu**

[11]. Membru al Comitetului Științific al **EUROINVENT European Exhibition of Creativity and Innovation**, Iași, 6-8 iunie 2024

**Prof. Maria Gavrilescu**

[12]. Membru al Comitetului Științific al **International Conference on e-Health and Bioengineering EHB 2024** - 12-th Edition, 14-15 November 2024, Hybrid Conference, IASI- Romania

**Prof. Maria Gavrilescu**

[13]. Membru al *Local Organizing Committee - 7th Annual Meeting of The Euro-Asian Bridge Society of Cardiovascular & Thoracic Surgeons*, Iasi, 17-20 October 2024

**Prof. Maria Gavrilescu**

[14]. Membru al Comitetului de organizare a **Congresului Internațional „Pregătim viitorul promovând excelența”**, ediția a XXXVI-a, organizată de către Universitatea Apollonia din Iași sub egida Academiei Oamenilor de Știință din Romania în perioada 1 – 3 Martie 2024, Prof. univ. dr. **Popa Marcel**

[15]. Membru al Comitetului Științific de Organizare al **International Symposium on Process Safety Systems and Waste Management**, organizat de University of Oran Mohamed Benahmed, Institute of Maintenance and Industrial Safety, Algeria, 20-21 Noiembrie 2024, Prof. univ. dr. **Popa Marcel**

[16]. Președinte „ The 17 th Annual Meeting of The Euro-Asian Bridge Society of Cardiovascular and Thoracic Surgeons, Iași, 17-20 octombrie 2024, organizat în parteneriat cu Academia Oamenilor de Știință din România, **Grigore Tinică**.

[17]. Membru comitet științific Al 19-lea Congres Național al Societății Române de Chirurgie Cardiovasculară, organizat la Cluj, 26-28 septembrie 2024, **Grigore Tinică**.

[18]. Organizator și chairperson al Simpozionului Științific "Patient Blood Management in Cardiac Surgery Symposium", 19 Octombrie 2024, Iași, Romania, **Grigore Tinică**.

[19]. Organizator și speaker al Simpozionului Științific "Advancements in Valve Therapy: MyVal Transcatheter Experience with a Live-in-a-Box Case and Surgical Dafodil Valve Insights", 17 octombrie 2024, Iași, Romania, **Grigore Tinică**.

[20]. Organizator și chairperson al Simpozionului Științific "Experience with Hydra Self Expandable THV", 17 octombrie 2024, Iasi, Romania, **Grigore Tinică**.

[21]. Organizator și speaker al Simpozionului Științific "Early experience with the New Generation Navitor Vision 35. "Live in a Box" case", 18 octombrie, Iasi, Romania, **Grigore Tinică**.

[22]. Organizator al Simpozionului Științific " The SMART Trial – The one-year results from largest head-to-head randomized control TAVR trial", 19 octombrie 2024, Iasi, Romania, **Grigore Tinică**.

[23]. Organizator al Sesiunii științifice "Nurses and perfusionists", 20 octombrie 2024, Iasi, Romania, **Grigore Tinică**.

- [24]. Organizator al workshopului "Hands-on mastery in cardiac diagnostics & intervention", 20 octombrie 2024, Iasi, Romania, **Grigore Tinică**.
- [25]. Member of the Scientific Committee – The 17th **EUROINVENT**, 8-10 May, Iasi, România, Prof.univ.emerit dr.ing.dr.h.c. **Nicolae Țăranu**.
- [26]. Member of the Scientific Committee of "**ModTech International Conference**", June 24-27, 2024, Kuala Lumpur, Malaysia, Prof.univ.dr.ing.dr.h.c. **Nicolae Țăranu**.
- [27]. Member of the Scientific Committee, **3rd National Conference on Wind Engineering**, september 11-13, București România, Prof.univ.dr.ing.dr.h.c. **Nicolae Țăranu**.
- [28]. Membru în Comitetul de Organizare la Conferința Națională Științifică De Toamnă a AOSR "**Rolul Inteligenței Artificiale în Dezvoltarea Durabilă a României**" 23-24 septembrie, Iasi, România, Prof.univ.dr.ing.dr.h.c. **Nicolae Țăranu**.
- [29]. Member of the International Scientific Committee, "**International Conference VSU 2024**", Sofia, October 10-12, 2024, Prof.univ.dr.ing.dr.h.c. **Nicolae Țăranu**.
- [30]. SIMPOZION ȘTIINTIFIC "PREZENT ȘI VIITOR ÎN MEDICINA STOMATOLOGICĂ DIN ROMÂNIA" - 5-6 IULIE 2024 IASI – Asociația Dentara Română pentru Educație, **Agop Forna Doriană**.
- [31]. CONGRES ȘTIINTIFIC "PRACTICA DIGITALĂ ÎN STOMATOLOGIA ACTUALĂ" - 7-9 Noiembrie 2024, Asociația „Societatea Română de Reabilitare Orală”, **Agop Forna Doriană**.
- [32]. Membru în Comitetul Științific al **12<sup>th</sup> International Conference on e-Health and Bioengineering, EHB 2024**, Iași, Romania, November 14-15, 2024, Dr. habil. **Tudor Barbu**.
- [33]. Membru în Comitetul Științific al Comitetul Științific al **31<sup>st</sup> Conference on Applied and Industrial Mathematics, CAIM 2024**, Oradea, Romania, September 19-22, 2024, Dr. habil. **Tudor Barbu**.
- [34]. Membru în Comitetul Științific al Comitetul de Organizare al **13<sup>th</sup> International Conference on Pure and Applied Mathematics, ICPAM 2024**, Wien, Austria, July 17-24, 2024, Dr. habil. **Tudor Barbu**.
- [35]. Membru în Comitetul Științific al Comitetul de Organizare al **4<sup>rd</sup> International Conference on Image Processing and Vision Engineering, IMPROVE 2024**, Angers, France, May 2-4, 2024, Dr. habil. **Tudor Barbu**.
- [36]. Membru în Comitetul Științific al Comitetul de Organizare al **4<sup>th</sup> International Conference on Applied Mathematics, Modeling and Computer Simulation, AMACS 2024**, Wuhan, China, Aug. 17-18, 2024, Dr. habil. **Tudor Barbu**.
- [37]. Membru în Comitetul Științific al Comitetul de Organizare al **5<sup>th</sup> International Conference on Image Processing and Vision Engineering, IMPROVE 2025**, Porto, Portugal, April 7-8, 2025, Dr. habil. **Tudor Barbu**.
- [38]. Membru în Comitetul Științific al Comitetul de Organizare al **IEEE 11<sup>th</sup> International Conference on Control, Decision, and Information Technologies, CoDIT 2025**, Split, Croatia, July, 15-18, 2025, Dr. habil. **Tudor Barbu**.
- [39]. Organizator al sesiunii speciale **Advances in Nonlinear PDE-based Models for Artificial Intelligence and Computer Vision**, din cadrul **The 14<sup>th</sup> AIMS Conference**, Abu-Dhabi, EAU, dec. 16-20, 2024, Dr. habil. **Tudor Barbu**.
- [40]. Vicepreședinte al Conferinței naționale cu participare internațională, Zilele Spitalului Clinic de Recuperare Iași, 2024, Prof. Univ. Dr. **Florin Mitu**.
- [41]. Membru în Comitetul de Organizare al Congresului Național de Medicină Internă 2024 – Vicepreședinte Societatea Română Medicina Internă, Curs Precongres "Sportul și bolile cardiovasculare", Prof. Univ. Dr. **Florin Mitu**.

- [42]. Membru în Comitetul de Organizare și Științific al Congresului Național de Cardiologie Sinaia, 2024, Prof. Univ. Dr. **Florin Mitu**.
- [43]. Coordonator Curs Preconferință "Direcții transdisciplinare în sănătatea mintală și adicției", No Addict 25 aprilie 2024, Prof. Univ. Dr. **Florin Mitu**.
- [44]. Coordonator Curs Preconferință "Sindroamele coronariene cornice – de la prevenție la recuperare", Zilele Spitalului Clinic Căi Ferate Iași Ediția a XV-a, 2024, Prof. Univ. Dr. **Florin Mitu**.
- [45]. Președinte, ModTech2024, 24-27 iunie, Everly Hotel, Putrajaya, Kuala Lumpur, Malaysia, **Dumitru Nedelcu**.
- [46]. Membru în Comitetul Științific al International Conference "Study Days on Polymer Materials - JEMP2024", Bejaia, Algeria, October 2024, Prof. Univ. Habil. dr. ing. **Leonard Ionut Atanase**.
- [47]. Workshop\_ROSSM\_2024. **Safety and Health at Work / Safe and Healthy Work**. The event on-line, 13.11.2024, via the Google Meet platform. Workshop Organizers: Professor, PhD, Eng. **Costică BEJINARIU** – Gheorghe Asachi Technical University of Iași, Associate Member of the Romanian Academy of Scientists and Professor, PhD, Eng. Lucian-Ionel CIOCA – "Lucian Blaga" University of Sibiu, Full Member of the Romanian Academy of Scientists.
- [48]. Membru în Comitetul de organizare a manifestării „**European Exhibition of Creativity and Innovation – EUROINVENT**”, 6-8 iunie 2024, Iași, Romania. Prof. univ. dr. ing. **Costica BEJINARIU**.
- [49]. Membru în Juriul Internațional a manifestării „**European Exhibition of Creativity and Innovation – EUROINVENT**”, 6-8 iunie 2024, Iași, Romania. Prof. univ. dr. ing. **Costica BEJINARIU**.
- [50]. Membru în INTERNATIONAL SCIENTIFIC COMMITTEE la "**The 10th International Conference on Materials Science and Technologies – RoMat 2024**", 14-15 noiembrie 2024, Bucuresti, Romania. Prof. univ. dr. ing. **Costica BEJINARIU**.
- [51]. Președinte (Conference Chair) al **The Joint International Conference of the XIV International Conference on Mechanisms and Mechanical Transmissions (MTM) and the XXVI International Conference on Robotics (ROBOTICS) – MTM & ROBOTICS 2024**, November 14 – 16, 2024, Iasi, Romania, Prof.univ.dr.ing. **Ioan Doroftei**.
- [52]. Președinte Comitet de Organizare al **The 11th International Conference on Advanced Concepts in Mechanical Engineering, ACME 2024**, June 6 – 7, 2024, Iasi, Romania, Prof.univ.dr.ing. **Ioan Doroftei**.
- [53]. Membru în Comitetul de Organizare al **12th International Conference - Modern Technologies in Industrial Engineering, ModTech 2024**, June 24-27, The Everly Hotel, Putrajaya, Kuala Lumpur, Malaysia, Prof.univ.dr.ing. **Ioan Doroftei**.
- [54]. Membru în Comitetul Național de Organizare al **6th IFToMM Symposium on Mechanism Design for Robotics MEDER 2024**, June 27-29, 2024, Timișoara, Romania, Prof.univ.dr.ing. **Ioan Doroftei**.
- [55]. Membru în Comitetul Național al **The 33rd International Conference on Robotics in Alpe-Adria-Danube Region**, June 5-7, 2024, Cluj-Napoca, Romania, Prof.univ.dr.ing. **Ioan Doroftei**.
- [56]. Coordonator al evenimentului **EUROINVENT – European Exhibition of Creativity and Innovation, 6-8 iunie 2024, Palatul Culturii din Iasi**, Conf.dr.ing.habil. **Andrei Victor Sandu**.
- [57]. Coordonator al Conferinței **ICIR EUROINVENT – International Conference on Innovative Research, 6-7 iunie 2024, Palatul Culturii din Iasi**, Conf.dr.ing.habil. **Andrei Victor Sandu**.

[58]. Membru în comitetul de organizare și cel științific al Conferinței Internaționale: **Applications of Physics in Mechanical and Material Engineering**, Czestochowwa University of Technology Poland, 18-20 octombrie 2024. Conf.dr.ing.habil. **Andrei Victor Sandu**.

[59]. Presedintele Juriului **EURO POLITEHNICUS** International Invention and Innovation Exhibition, 22-24 noiembrie 2024, Conf.dr.ing.habil. **Andrei Victor Sandu**.

[60]. Președinte al **Conferinței Competența, potențial și limite**, organizată de Academia Română, Filiala Iași 19-20 apr. 2024, Prof. univ. emerit dr. Dhc. Mult. **Laurențiu ȘOITU**.

[61]. Președinte Comitetul de Organizare și Comitetul Științific al **Simpozionului Limbajul educației**, organizat de Academia Română, Filiala Iași 15 nov. 2024, Prof. univ. emerit dr. Dhc. Mult. **Laurențiu ȘOITU**.

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

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

[1]. **Vasile Burlui**, Oana Cucoveică, Ecaterina Burlui, Oana Popescu, Complexul mandibulo-hioido-lingual în postura extremității cefalice și a întregului organism A XXXIV-a ediție a **Congresului Internațional Pregătim Viitorul Promovând Excelența, 29 februarie - 3 martie 2024**.

[2]. Fatima Zahra Kamal, Alin Ciobica, **Vasile Burlui**. Latest developments regarding the relevance of xenobots in the biomedical research, A XXXIV-a ediție a **Congresului Internațional Pregătim Viitorul Promovând Excelența, 29 februarie - 3 martie 2024**.

[3]. Cătălin Muntean, **Vasile Burlui**, Incursiune în stomatologia digitală, A XXXIV-a ediție a **Congresului Internațional Pregătim Viitorul Promovând Excelența, 29 februarie - 3 martie 2024**.

[4]. **Vasile Burlui**, Identitate românească – criterii lingvistice, geografice, istoric, A XXXIV-a ediție a **Congresului Internațional, Pregătim Viitorul Promovând Excelența, 29 februarie - 3 martie 2024**

[5]. **Vasile Burlui**, Solomon Marcus, mentorul care ne lipsește, A XXXIV-a ediție a **Congresului Internațional Pregătim Viitorul Promovând Excelența, 29 februarie - 3 martie 2024**.

[6]. Ionescu Cătălina, **Ciobîca Alin**, OXIDATIVE STRESS IN THE CONTEXT OF ORAL SQUAMOUS CELL CARCINOMA, **8th International ICONTECH CONGRESS on Innovative Surveys in Positive Sciences March 16-18, 2024 Azerbaijan Cooperation University**.

[7]. Diploma de participare Congres "Zilele Universitatii" Apollonia"Iasi,29.02.2024-3.03.2024, **Norina Consuela Forna**.

[8]. Diploma de participare Congres UMF Iasi, Facultatea de Medicina Dentara- Impactul tehnologiilor digitale in stomatologia contemporana, 14-16 martie 2024, Iasi, **Norina Consuela Forna**.

[9]. Diploma de excelenta in semn de pretuire si recunoastere a calitatilor profesionale remarcabile si a contributiei aduse la promovarea spiritualitatii si culturii nationale – 27 martie 2024, **Norina Consuela Forna**.

[10]. Diploma participare the 1-st Scientific and practical conference with international participation Modern Orthodontics: Realities and prospects, Kyiv, Ucraina, **Norina Consuela Forna**.

- [11]. Diploma de participare conferinta nationala Actualitati in stomatologia pediatria – 29-30 martie 2024, Chisinau, R. Moldova, **Norina Consuela Forna.**
- [12]. Diploma de participare a XXIX – Conferinta Nationala Prevenirea afectiunilor stomatologice – 4-5 Aprilie 2024,IASI, **Norina Consuela Forna.**
- [13]. Reuniun de la Commission Regionale d’experts economiques et scientifiques CREES – 12 april 2024, Chisinau, **Norina Consuela Forna.**
- [14]. Diploma de participare a 2-a editie a conferintei nationale – Tehnologia &IHealth in medicina secolului XXI – 17-19 Aprilie 2024, Targu Mures, **Norina Consuela Forna.**
- [15]. 28 th BASS Congres 25-27.04.2024,Budva,Montenegro, **Norina Consuela Forna.**
- [16]. Diploma de participare la Simpozionul”Zilele FRANCISC I.RAINER”, 9-11 mai 2024,Bucuresti,Romania, **Norina Consuela Forna.**
- [17]. Diploma de participare la The 9-th Congres of the UkrainianAsitation of Cranio-Maxilllofacial Surgeons,17 may 2024,Bogomolets National Medical University,Kyev,Ukraina, **Norina Consuela Forna.**
- [18]. Certificat participare la Conferinta KKKSHM, 10-12 mai 2024 TIRANA, **Norina Consuela Forna.**
- [19]. Diploma participare la Conferința Științifică de Primavara AOSR 25 mai 2024,Bucuresti,Romania, **Norina Consuela Forna.**
- [20]. Curs”Urgente Medico Chirurgicale in Cabinetul Stomatologic, Iasi 30 mai 2024, **Norina Consuela Forna.**
- [21]. Diploma participare International Conference on Innovative Research, 6-7 iunie 2024 Iasi, **Norina Consuela Forna.**
- [22]. European Section Annual Meeting International College of dentists, 21-23 iunie 2024(ICD), **Norina Consuela Forna.**
- [23]. Conference Europe Centrale&Orientale des Recteurs des Etablissements Membres de L”AUF, **Norina Consuela Forna.**
- [24]. Diploma participare la Simpozionul “Prezent si viitor in Medicina Stomatologica din Romania” ADRE, 5-6 IULIE 2024, **Norina Consuela Forna.**
- [25]. Scoala de vara “Calea catre descoperiri stiintifice” 27-30 august 2024 Academia de Stiinte a Moldovei- Chisinau, **Norina Consuela Forna.**
- [26]. Diploma de participare la Congresul ADEE, 7-10 septembrie 2024, Leuven, Belgia, **Norina Consuela Forna.**
- [27]. Diploma participare Congres EPA,19-21septembrie 2024, Białystok,Polonia, **Norina Consuela Forna.**
- [28]. Diploma de participare la Conferinta de toamna a AOSR, 23-24 septembrie 2024, Iasi,Romania, **Norina Consuela Forna.**
- [29]. Diploma de participare la Simpozionul Napoca Biodent,27-28 septembrie 2024,Cluj Napoca Romania, **Norina Consuela Forna.**
- [30]. Diploma de participare la Conferinta Internationala Stiintifico-Practica Editia XVIII-A,10-11 octombrie 2024,Chisinau,R.Moldova, **Norina Consuela Forna.**
- [31]. Diploma de participare la Congresul StomaConect CMSI – 23-26 octombrie 2024 Iasi,Romania, **Norina Consuela Forna.**
- [32]. Diploma de participare la Conferinta ESPN,25-26 octombrie 2024,Iasi,Romania, **Norina Consuela Forna.**
- [33]. Diploma de participare Congresul ASRM, 1-2 noiembrie 2024,Chisinau,R.Moldova, **Norina Consuela Forna.**
- [34]. Diploma de participare la Congresul ASRRO,7-9 noiembrie 2024,Iasi,Romania, **Norina Consuela Forna.**
- [35]. Diploma de participare la Simpozionul AUF 16-17 decembrie 2024, Cluj Napoca,Romania, **Norina Consuela Forna.**

- [36]. *Integrating environmental phytoremediation with biomass valorization for the recovery of some critical metals and energy by phytomining*, **Maria Gavrilesu**, Virtual International Conference (Online) **Applications of Chemistry in Biomaterials Engineering – NanoBioMat**, Winter edition, 27-29 noiembrie, 2024, **Invited Plenary Lecture**
- [37]. *Evaluation of scenarios for nutrient recovery from food waste and estimation of economic and environmental efficiency using cost-benefit analysis*, Ungureanu-Comaniță Elena-Diana, Țâbuleac Raluca-Maria, Oprea Paula-Sânziana, Coșbuc Daniela-Ersilia, **Maria Gavrilesu**, Virtual International Conference **Application of Chemistry in Nanosciences and Biomaterials Engineering NanoBioMat**, Winter 2024 (Online), 27-29 noiembrie, 2024
- [38]. *Enhanced Photocatalytic Degradation of Azo Dyes with ZnO Nanoparticles under Visible Light. Phytotoxicity Evaluation on a Common Plant Species*, Maria Paiu, Lidia Favier, Doina Lutic, Raluca-Maria Hlihor, Véronique Alonzo, **Maria Gavrilesu**, International Conference **Application of Chemistry in Nanosciences and Biomaterials Engineering NanoBioMat**, Winter 2024 (On-line), 27-29 noiembrie, 2024
- [39]. *Advancing responsible tourism-implementing sustainable development goal targets in tourist destinations*, Raluca-Maria Țâbuleac, **Maria Gavrilesu**, **7<sup>th</sup> International Conference of the Doctoral School** of the "Gheorghe Asachi Technical University of Iasi, Romania, May 2024, Iasi, Romania
- [40]. *Circular economy principles applied in the hospitality industry to reduce food waste*, Raluca-Maria Țâbuleac, Elena Diana Ungureanu-Comăniță, Ersilia Lazăr Coșbuc, Isabela-Maria Simion, **Maria Gavrilesu**, Virtual International Conference **Application of Chemistry in Nanosciences and Biomaterials Engineering NanoBioMat**, Winter 2024 (On-line) 27-29 noiembrie, 2024, **(Best paper award)**
- [41]. *Analyzing waste management and recycling trends in the tourism industry using Eurostat data*, Raluca-Maria Țâbuleac, **Maria Gavrilesu**, 19th Romanian Textiles and Leather Conference, **CORTEP 2024**, Iasi, 07-09 November 2024
- [42]. *Istoricul Gheorghe I. Brătianu despre „o enigmă și un miracol”*, Conferința internațională „Romanitate, Românită, Latinitate”, organizată de Universitatea de Stat a Moldovei, Chișinău, 31 octombrie – 2 noiembrie 2024, **Gheorghe Onisoru**.
- [43]. *Building the memory of the resistance under the communist regime in Romania through oral history sources*, Conferința internațională *Common past. Divided memories*, Salonic, 29 - 30 noiembrie 2024, **Gheorghe Onisoru**.
- [44]. Conferința „Retrăiri istorice în veacul XXI”, Ediția XX, Organizată la Maia Catargi, jud. Ialomița, 1-2 octombrie 2024, **Ioan Solcanu**.
- [45]. *Magnetic Microcapsules Functionalized with Peptide for Treatment of Inner Ear Disorders*, D.M. Rață, A.N. Cadinoiu, L.I. Atanase, G. Vochita, S.A. Sande, **Marcel Popa**, **Global Congress on nanotechnology and Nanomaterials**, Tokyo, Japan April 25-27, 2024
- [46]. *New Liposomal Formulation Used for Active Targeting and Treatment of Inner Ear Diseases*, A.N. Cadinoiu, D.M. Rață, L. I. Atanase, D. Gherghel, B. Nyström, **Marcel Popa**, **Global Congress on nanotechnology and Nanomaterials**, Tokyo, Japan April 25-27, 2024
- [47]. *Micro/nanospheres functionalized with peptides: Physico-chemical characterization and anti-inflammatory activity*, A.N. Cadinoiu, D.M. Rață, L.I. Atanase, D. Gherghel, G. Vochița, **Marcel Popa**, **Congresul Internațional al Universitatii APOLLONIA Iasi** "Pregătim viitorul promovând excelența", Ediția a XXXIV-a, Iasi 29.02-03.03.2024

[48]. *New chitosan-coated liposomes as drug delivery systems for the inner ear*, L. Iftode, A.N. Cadinoiu, D. M. Rață, L.I. Atanase, D. Gherghel, **Marcel Popa**, L. Radulesc, **Congresul Internațional al Universitatii APOLLONIA Iasi "Pregătim viitorul promovând excelența"**, Ediția a XXXIV-a, Iasi 29.02-03.03.2024

[49]. *Interaction of some new functionalized dexamethasone-loaded magnetic liposomes with cells cytophysiology*, D. Gherghel, A.N. Cădinoiu, D.M. Rață, L.I. Atanase, **Marcel Popa**, S.S. Sande, C.T. Mihai, A.B. Stache, G. Vochița, **Congresul Internațional al Universitatii APOLLONIA Iasi "Pregătim viitorul promovând excelența"**, Ediția a XXXIV-a, Iasi 29.02-03.03.2024

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Role: Co-author | Presentation type: Student presentation, The 17 th Annual Meeting of  
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Co-author | Presentation type: e-Poster, The 17 th Annual Meeting of The Euro-  
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[68]. M.F.M. Tahir, M.M.A.B. Abdullah, **A.V. Sandu**, D.D. Burduhos Nergis, R.A. Razak, S.A. Shamsuddin, *Utilization of Copper Mine Tailings as Road Construction Materials Through Geopolymerization*, in *Mining and Metallurgical Wastes Based Alkali-Activated Materials* (editor: Zengqing Sun), Springer Nature Singapore, 2024, 265-283, [https://doi.org/10.1007/978-981-97-6285-9\\_14](https://doi.org/10.1007/978-981-97-6285-9_14)

[69]. M.M.A.B. Abdullah, **A.V. Sandu**, S.Z.A. Rahim, M.S.I. Ibrahim, T. Imjai, *Repair and Protection Materials from Alkali Activation of Metallurgical Slags*, in *Mining and Metallurgical Wastes Based Alkali-Activated Materials* (editor: Zengqing Sun), Springer Nature Singapore, 2024, 285-307, [https://doi.org/10.1007/978-981-97-6285-9\\_15](https://doi.org/10.1007/978-981-97-6285-9_15)

[70]. **A.V. SANDU**, EUROINVENT 2024, (Proceedings of the 16th edition), (ISSN print: 2601-4564 ISSN online: 2601-4572), Iasi, 560 p.

[71]. *Competența, potențial și limite*, **Laurențiu Șoitu**, Ioan Neacșu, Ion Negreț-Dobridor, coord., Editura JUNIMEA, 264 p, ISBN 978-973-37-2843-6,

## **E. Granturi/Proiecte de cercetare (câștigate sau în derulare în 2024)**

### **- Naționale**

[1]. Proiect: „Competitivitate și performanță în domeniul medical prin stagii de practică - PerfMedPract” anul 2024, -Cod SMIS: 311219, **Norina Consuela Forna**.

[2]. Prevenirea abandonului școlar și consilierea în alegerea traiectoriei în cariera pentru studenții anului I de medicina dentară și tehnica dentară, **Norina Consuela Forna**.

[3]. Cum ar fi să fii MEDIC STOMATOLOG? BeSTOMATIS

Insertia absolvenților de medicina pe piața muncii, prin dezvoltarea în cadrul unor stagii de pregătire practică a abilităților practice – MEDPRO, **Norina Consuela Forna**.

[4]. De la școală în PRAXIS – antreprenoriate de succes cu studenți în medicina dentară”, POCU 2014-2020, Axa prioritară 6: “Educație și competente”, “Insertia absolvenților de

medicină pe piața muncii, prin dezvoltarea în cadrul unor stagii de pregătire practică a abilităților practice – MEDPRO”, **Norina Consuela Forna**.

[5]. Proiect evaluarea sănătății orale și educația pentru comportamente sanogene la copiii școlari de 6 și 12 ani din Iași, România. Coordonator Proiect – Prof.Univ.Dr. **Norina Forna**.

[6]. **TechGo3** - Dezvoltare instituțională pentru consolidarea angajabilității absolvenților TUIASI, Universitatea Tehnică „Gheorghe Asachi” din Iași, **CNFIS-FDI-2024-F-0036**, **Maria Gavrilescu**, membru in echipa proiectului

[7]. *Nano/microparticule polimerice incarcate cu medicament si functionalizate cu peptide cu dubla tintire activa pentru tratamentul infectiilor pulmonare (Dual active targeting carriers for the treatment of pulmonary infections based on drug loaded peptides-functionalized polymeric nano/microparticles) (2PepTargLu)* **PN-III-P4-ID-PCE-2020-2009**, No. PCE 71/2021, 2021-2023, **Popa Marcel** (Director)

[8]. *Depășirea barierei hematoencefalice cu noi particule funcționalizate pe bază de biopolimeri conținând două medicamente antitumorale co-încapsulate*, PD, **PN-III-P1-1.1-PD-2021-0553**, Contract finanțare: 61/2022, director proiect Camelia Elena Tincu (Iurciuc), **Marcel Popa** Tutore post-doc

[9]. *Investigarea unor materiale SMART in scopul substituirii sau imbunatatirii materialelor actuale din sisteme de franare asamblate in utovehicule din pinct de vedere al neutralitatii amrentei CO<sub>2</sub>, reducerea freutatii, precum si ridicarea performantei*, **Proiect cu Continental Sutomotive Romania**, 2024-2025, **Marcel Popa** membru in echipa

[10]. Membru grant intern UMF Iași contract nr. 9992/2022 „Impact of COVID-19 infection on patients with acute myocardial infarction candidates for coronary artery bypass grafting 01.05.2022-30.04.2024, **Grigore Tinica**.

[11]. Produse și tehnologii ecoinovatoare pentru eficiență energetică în construcții - EFECON, (cofinantare din Fondul European de Dezvoltare Regională prin **Programul Operațional Competitivitate 2014-2024**, Prof.univ.dr.ing.dr.h.c. **Nicolae Taranu**, membru in echipă.

[12]. SIMPATIA - **Soluții inteligente de monitorizare a participanților la trafic utilizând instrumente avansate de viziune artificială și modelare matematică riguroasă**, **GAR – 2023, Cod proiect 19: Cercetări avansate trans- și inter-disciplinare – baza a noi dezvoltări tehnologice**; perioada 2024 – 2025, **Dr. habil. Tudor Barbu** (Director)

[13]. *Hidrogeluri biocompozite conținând nanofibre cu activitate antimicrobiană pentru vindecarea rănilor cauzate de arsuri*, (HYnanoFAB). Proiecte de Cercetare Postdoctorală (PD), **PN-III-P1-1.1-PD-2021-0041**, **Leonard Ionut Atanase** (Membru-tutore)

[14]. *Acoperiri inovative prin conversie chimică de fosfat pentru promovarea osteointegrării și biocompatibilității implanturilor de titan* (PhoTim), **PN-IV-P2-2.1-TE-2023-1086**, **Costică BEJINARIU** (Membru).

## - Internaționale

[1]. **DocTalent4EU** – *Transforming Europe through Doctoral Talent and Skills Recognition*, Universitatea Tehnică "Gheorghe Asachi" din Iași (partener), Codul proiectului: **GA nr. 10109592**, 2023-2025. Funded by European Union, **Maria Gavrilescu**, membru in echipa proiectului

[2]. *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, 2021-2025, **Maria Gavrilescu**.

- [3]. Active targeted drug delivery systems based on peptide-functionalized magnetic nanoparticles for the treatment of inner ear diseases, **RO-NO-2019-0187**, No 15/2020, 2020-2024, **Popa Marcel** director
- [4]. *Integration of photonic conversion layers based on photoemissive materials for improving sunlight harvesting ability of solar cells* (NANOSOLARCELL), ANR - Call for proposals long term Europe-Africa Partnership on Renewable Energy (LEAP-RE), **COFUND-LEAP-RE-NANOSOLARCELL, PN3-ERANET**, 293/2022, 2022-2023, **Popa Marcel** key-person
- [5]. Management committee member project COST Action CA19115 „Network for blood pressure research in children and adolescents” 06.05.2020-05.05.2024 (membru grant internațional), **Grigore Tinica**.
- [6]. **OBDIA-NET – Rețea transfrontalieră integrată pentru servicii avansate de sănătate în domeniul obezității, diabetului și a altor tulburări metabolice.** Coordonator Centru cardio-vascular și de metabolism. Proiectul este finanțat de Uniunea Europeană prin Ministerul Dezvoltării Regionale, Administrației Publice și Fondurilor Europene, cu o durată de 24 de luni. Cod proiect 1HARD/4.1/93, **Florin Mitu**.
- [7]. **EUROASPIRE VI** : European survey of cardiovascular disease prevention, diabetes and chronic kidney disease, **Florin Mitu**.
- [8]. Grant DIGITAL-2021-EDIH-01 (Contract: 101083392, cod MySMIS 161826 - BRAINTWIN), DIGITAL INNOVATION ZONE EDIH-MANUFACTURING&SMART HEALTH for better business life and health in the North East Romania Region, **Ioan Doroftei** (EXPERT SENIOR).
- [9]. *A new generation of metallic biomaterials as health solution for a sustainable life*, Cool&SmartTit, **COFUND-ERAMIN-3-RecMine**, Durata: 2024 – 2027, **Andrei Victor SANDU** (membru in echipa de cercetare)
- [10]. „*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)

## F. Brevete de invenție (obținute în 2024)

- [1]. Preparation method of a photonic conversion medium for improving the conversion efficiency of the photovoltaic solar panels, C.S. Stan, C. Ibu, **Popa Marcel**, M.A.A. Ovin **EU. Patent Office reg. no. 24464009.0/EP24464009** / 30.10.2024
- [2]. 137750 29/11/2023//11/2023 (71) UNIVERSITATEA DE MEDICINĂ ȘI FARMACIE "GRIGORE T. POPA" DIN IAȘI, PLEȘOIANU FLORIN ALEXANDRU, PLEȘOIANU CARMEN ELENA, **TINICĂ GRIGORE**, SISTEM DE SUSȚINERE ȘI POZIȚIONARE FĂRĂ CONTACT A ROTORULUI MAȘINILOR ROTATIVE
- [3]. Toma, S.L., Savin, G.A., Toma, B.F., **Bejinariu, C.**, Ionita, I., Vizureanu, P., Badarau, G., Sandu, A.V., Cazac, A.M., Burduhos Nergis D.P. *Sistem de duze utilizat la metalizarea prin pulverizare termica in arc electric*, Brevet de invenție Nr. RO 134208 B1. Publicat in Buletinul Oficial al Proprietății Industriale, **RO-BOPI 4/2024**, din 30.04.2024, ISSN 2065-2100.
- [4]. Burduhos-Nergis, D.P., **Bejinariu, C.**, Sandu, A.V., Vizureanu, P., Cimpoesu, N., Burduhos-Nergis, D.D. *Procedeu de fosfatizare a aliajelor de titan cu soluție pe bază de zinc și zirconiu* (Phosphating process for titanium alloy with Zn-Zr phosphate solution). Cerere de Brevet de invenție, OSIM Nr. A 00175, din 29.03.2023. Stadiul de brevetare:

Cerere de Brevet de invenție Nr. RO 138414 A2. Publicat în Buletinul Oficial al Proprietății Industriale, **RO-BOPI 10/2024**, din 30.10.2024, ISSN 2065-2100.

[5]. Grant DIGITAL-2021-EDIH-01 (Contract: 101083392, cod MySMIS 161826 - BRAINTWIN), DIGITAL INNOVATION ZONE EDIH-MANUFACTURING&SMART HEALTH for better buisness life and health in the North East Romania Region, **Ioan Doroftei** (EXPERT SENIOR).

[6]. I.G. SANDU, **A.V. SANDU**, I. SANDU, K. EARAR, V. VASILACHE, C.M. ȘTIRBU, R.A. CRIȘAN DABIJA, M. CHIRAZI, A. VLADESCU, M.C. COTRUT, M.D. VRANCEANU, Jacuzzi system for thermalism with hydro-/air-massage and halochamber treatments with solions, Patent **RO134023** (B1) - 30.07.2024 (A1) -2020.04.03, Applicant: Universitatea Tehnica Gheorghe Asachi Iasi, Derwent Primary Accession Number: 2020-36417J;

[7]. D.D. BURDUHOS NERGIȘ, P. VIZUREANU, O.C. CORBU, M.M.A.B. ABDULLAH, **A.V. SANDU**, Ecological geopolymer based on power-plant ash and glass powder from recycled wastes, for applications in the field of constructions, and process for preparing the same, Patent **RO134321 / 2024**.

[8]. D.E. COLBU, I. SANDU, V. VASILACHE, I.C.A. SANDU, G. COLBU, I.G. SANDU, N. COLBU, **A.V. SANDU**, *Composition and process for treating old wood artifacts against insects, fungi and water*, Patent **RO134566 (B1)**, 2024-04-30.

[9]. I.G. SANDU, **A.V. SANDU**, I. SANDU, K. EARAR, V. VASILACHE, C.M. ȘTIRBU, G. BALAN R.A. CRIȘAN DABIJA, M. CHIRAZI, A. VLADESCU, M.C. COTRUT, Artificial multi-use self-controlled halochamber in dynamic regime, Patent **RO134028(B1)** – 29.03.2024, Derwent Primary Accession Number: 2020-36417D;

[10]. S.L. TOMA, G. SAVIN, B.F. TOMA, C. BEJINARIU, I. IONIȚĂ, P. VIZUREANU, G. BĂDĂRĂU, **A.V. SANDU**, A. CAZAC, D.P. BURDUHOS – NERGIȘ, Nozzle system used in electric arc thermal metal spray, Dosar OSIM RO134208B1 / 2024.

## G. Alte activități

- redactori și membri în colective de redacție, guest-editors (activi în 2024)

**Prof. univ. emerit dr. dr.h.c. Maricel Agop**

**Membru în organisme științifice internaționale/societati profesionale:**

[1]. *European Physical Society*, Geneva,1984-prezent

[2]. *The Japan Institute of Metals*, Japonia, 1995 - 1999

[3]. *Societatea Română de Fizică*, România, 1990 - prezent

**Membru în Colegiul de redacție (inclusiv referent) al unei reviste**

[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: -, apariție trimestrială (editor șef)

[9]. *Journal of Engineering Studies and Research*, Universitatea „Vasile Alecsandri” Bacău, ISSN: 2068-7559, IF: - (membru în comitetul de redacție)

[10]. Editor șef al revistei *International Journal of Physics* (2008-2012)

**Referent științific la reviste internaționale:** *Journal of Mathematical Physics*; *International Journal of Nonlinear Science*; *General Relativity and Gravitation*; *Chaos, Solitons and Fractals*; *Physics Letters A*; *Physica Scripta*; *Nonlinearity*; *Non-linear dynamics*; *Complexity*.

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

[11]. Editor-Șef al revistei **International Journal of Medical Dentistry (IJMD)** (vol 28, issue 1, 2, 3, 4/2024) – Revistă publicată sub egida Academiei Oamenilor de Știință din România

[12]. Editor-Șef al revistei **International Journal of Communication Research (IJCR)** (vol 14, issue 1, 2, 3, 4/2024) – Revistă publicată sub egida Academiei Oamenilor de Știință din România

[13]. Editor-Șef al revistei **International Quintessence of Biomedical Research (IQBMR)** (vol 1, issue 1, 2, 3 /2024) – Revistă publicată sub egida Academiei Oamenilor de Știință din România

### **Prof. univ. dr. Theodor Damian**

[14]. Fondator și director: *Symposium*, New York

[15]. Fondator și director: *Lumină Lină. Gracious Light*, New York

[16]. Membru în colegiul de redacție pentru *Eon*, Revistă semestrială editată de Editura Agnos, Sibiu (<https://revista-eon.webnode.ro>)

[17]. Guest peer reviewer pentru *Open Journal of Philosophy*, Irvine, CA

[18]. Membru în colegiul de redacție pentru *Journal of Interdisciplinary Studies*, Pasadena, CA

[19]. Membru al consiliului științific pentru *Philosophia Militans*, Revistă de filosofie și gândire socială, Pitești (Argeș)

[20]. peer review of „Voice and Gold: The Death Iambics of Gregory of Nazianzus”, pentru *Mnemosyne*, Apr. 2024.

[21]. peer review of „Revisiting the Voices of Conscience: Exploring Dietrich Bonhoeffer and Martin Luther King, Jr. on Christian Nationalism” by D. . Dyson, pentru *The Open Journal of Philosophy*, Feb. 2024.

### **Membru în comitetul de redacție a revistelor literare:**

[22]. Ofranda literară, București (din 2022)

[23]. *Apel la memorie*, Fundația Corneliu Coposu, București (din 2019);

[24]. *Conexiuni literare*, Bistrița (din 2017);

[25]. *Romanian Journal of Artistic Creativity*, New York (din 2016);

[26]. *Sfera Eonică*, Craiova (din 2013);

[27]. *Bucurestii literar si artistic*, București (din 2011);

[28]. *Nomen Artis. Dincolo de tăcere* (din 2011);

[29]. *Noul Literator*, Craiova (din 2010);

[30]. *Contact Internațional*, Iași (din 2010);

- [31]. *Lumea Românească. The Romanian World Press*, Grand Rapids, MI (din 2009);  
 [32]. *Orizont Literar contemporan*, Vaslui (din 2009);  
 [33]. *Carmina Balcanica*, Review of South Eastern European Spirituality and Culture, București (din 2008).

**Prof. univ. emerit dr. Constantin Fetecau**

- [34]. **Membru** în Comitetul Editorial la „**Buletinul Inst. Polit. Iași, Secția Matematică**” (indexată Zentralblatt) ISSN 1244-7863. Jurnal indexat in Baze de date.  
 [35]. **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.  
 [36]. **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.  
 [37]. **Member** of the Editorial Board “**Open Journal of Mathematical Sciences**”, ISSN 2616-4906 (<https://openmathscience.com>). Jurnal indexat in Baze de date.  
 [38]. **Editorial board member** of “**International Journal of Advanced and Applied Sciences**”, Print ISSN: 2313-626X, eISSN: 2313-3724. Jurnal indexat in Baze de date  
 [39]. **Academic Editor** of “**Mathematical Problems in Engineering**”, ISSN: 1024-123X, Jurnal ISI, Impact factor 1.580 până în octombrie 2023.  
 [40]. **Editorial Board** “**Journal of Engineering and Applied Sciences Technology**”, eISSN: 1596-3233. Jurnal indexat in Baze de date.  
 [41]. **Editorial Board** “**Symmetry**”, eISSN 2073-8994, Jurnal ISI, Impact factor 2.940.  
 [42]. **Membru** in Advisory Board la jurnalul “**City University International Journal of Computational Analysis (CUIJCA)**”.  
 [43]. **Guest Editor** Symmetry Special Issue Editor „Recent Advances of Symmetry in Computational Fluid Dynamics”.

**Prof. univ. dr. Norina Consuela Forna**

**Internationale:**

- [44]. Journal of Dental Research and Practice  
 [45]. Membru al Colegiului de Redacție al Buletinului Academiei de Științe a Moldovei. Științe Medicale  
 [46]. Membru al Editorial Review board - Implant Dentistry, The official journal of the International Congress of Oral Implantologists

**Naționale:**

- [47]. Redactor Șef al revistei Romanian Journal of Oral Rehabilitation revista cotata ISI cu factor de impact 0,7  
 [48]. Redactor Șef al revistei Romanian Journal of Dental Education  
 [49]. Redactor Șef Adjunct al Revistei Medico – Chirurgicale a Societății de Medici și Naturaliști din Iași

**Prof. univ. emerit dr. ing. Maria Gavrilescu**

**- editor al unor jurnale științifice:**

- [50]. **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))  
 [51]. **Peer J**, (WoS), *Academic Editor* (<https://peerj.com/MGAV/>)

[52]. **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))

[53]. **Plants**, (WoS) *Academic Editor*, secțiunea *Plant–Soil Interactions* (<https://www.mdpi.com/journal/plants/sectioneditors/plant-soil-interactions>)

[54]. **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))

[55]. **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))

[56]. **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))

[57]. **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))

[58]. **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))

[59]. **Foods**, (WoS), *Academic Editor*, secțiunea, *Food Security and Sustainability* ([https://www.mdpi.com/journal/foods/sectioneditors/Food\\_Security\\_Sustainability](https://www.mdpi.com/journal/foods/sectioneditors/Food_Security_Sustainability))

[60]. **Journal of Environmental Engineering and Landscape Management**, Membru in Comitetul stiintific

(<https://journals.vilniustech.lt/index.php/JEELM/editorialboard>)

[61]. **European Journal of Science and Theology**, Membru in comitetul stiintific (<http://www.ejst.tuiasi.ro/editorial.html>)

[62]. **International Journal of Conservation Science**, Membru in comitetul stiintific (<https://ijcs.ro/editorial-board/>)

[63]. **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

**- Editor/Comitete editoriale/stiintifice reviste incluse in BDI, altele decât ISI Web of Knowledge**

[64]. **Procedia Environmental Science, Engineering and Management**, *Editor* ([www.procedia-esem.eu](http://www.procedia-esem.eu)), indexata in Scopus

[65]. **Acta Technica Napocensis** - Series: Environmental Engineering and Sustainable Development Entrepreneurship, Membru in comitetul stiintific

[66]. **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>), Editor

#### **Prof. univ. dr. Ioan Solcanu**

[67]. Membru în colegiul de redacție pentru „Annals Series on History and Archaeology Sciences”

#### **Prof.univ.emerit.dr.ing.dr.H.C.mult Marcel Popa**

[68]. **Editor-in-Chief** al revistei *Journal of Hydrogels* (American Scientific Publishers Ed)

[69]. **Editor-in-chief** al revistei *Polymers*, secțiunea *Polymer Networks* (MDPI)

[70]. **Membru** in colegiul editorial al revistei *Molecules*, secțiunea *Macromolecular Chemistry* (MDPI)

[71]. **Membru** in colegiul editorial al revistei *International Journal of Molecular Sciences*, secțiunea *Macromolecules* (MDPI)

[72]. **Membru** in colegiul editorial al revistei *Environmental Engineering and Management Journal*

[73]. **Membru** in colegiul editorial al revistei *International Journal of Medical Dentistry*

#### **guest-editors**

[74]. **Editie speciala** a revistei ***Polymer International*** – dedicata prof. Gerard RIESS

[75]. **Editie speciala** a revistei ***International Journal of Molecular Sciences*** - *Nanoparticles Based on Smart Polymers for Biomedical Applications*

[76]. **Editie speciala** a revistei ***Molecules*** - *Drug Delivery Systems Based on Polysaccharides*

[77] si [78]. **Editie speciala** a revistei ***Pharmaceutics*** - *Pharmaceutical Formulations with Antimicrobial Properties*, Editia 1 si editia 2

[79]. **Editie speciala** a revistei ***Molecules*** - *Polymeric Systems Loaded with Natural Bioactive Compounds*

[80] si [81]. **Editie speciala** a revistei ***Nanomaterials*** - *Carbon Nanostructures as Promising Future Materials*, Editia 1 si editia 2

[82]. **Editie speciala** a revistei ***International Journal of Molecular Sciences*** - *Nanoparticles Based on Smart Polymers for Biomedical Applications*

[83]. **Editie speciala** a revistei ***Polymers*** *Reviews on Progress in Polymer Networks*

[84]. **Editie speciala** a revistei ***Pharmaceutics*** - *Therapeutic Potential of Bee Products*

#### **Prof. univ. dr. ing.dr.h.c. Nicolae Taranu**

[85]. **Editor in Chief**, Buletinul Institutului Politehnic din Iasi, Secția Construcții și Arhitectura.

[86]. **Member of the Editorial Board**, Annals of the Academy of Romanian Scientists Series on Engineering Sciences.

#### **Prof. univ. dr. Doriana Agop Forna**

[87]. Vice-Editor in Chief - al revistei Romanian Journal of Oral Rehabilitation revista cotata ISI cu factor de impact 0,7.

[88]. Vice-Editor in Chief al revistei Romanian Journal of Dental Education indexata DOAJ

### CS I Dr. habil. Tudor Barbu

- [89]. **Editor** al *Mathematics* (IF = 2.3)
- [90]. **Editor** al *Mathematical Problems in Engineering* (IF = 1.305)
- [91]. **Editor** al *Journal of Applied Mathematics*
- [92]. **Editor** al *Frontiers in Applied Mathematics and Statistics*
- [93]. **Editor** al *ROMAI Journal*
- [94]. **Editor** al *Journal of Image Processing Theory and Applications - JIPTA*
- [95]. **Editor** al *Journal of Image and Graphics – JOIG*
- [96]. **Editor** al *Journal of Information Analysis*, Innovation Forever Publishing Group Limited
- [97]. **Editor** al *Journal of Intelligent Communication*, UK Scientific Publishing Limited
- [98]. **Editor** al *IgMin Research – STEM Journal*
- [99]. **Editor** al *Trends in Computer Science and Information Technology (TCSIT)*, Peertechz Publications Inc.
- [100]. **Editor** al *Annals of the Academy of Romanian Scientists - Series on Science and Technology and Information*
- [101]. **Editor-șef** al *Advances in PDE-based Models, Artificial Intelligence and Deep Learning*, Număr Special al **Mathematics**, MDPI, IF = 2.3, 2022 – 2024.

### Prof. univ. dr. habil. ing. Doru Florin Chiper

- [102]. Membru în Colectivul editorial al revistei *Electronics*
- [103]. Membru în Colectivul editorial al revistei *Applied Sciences*
- [104]. Membru în Colectivul editorial al revistei *Acoustics, Speech and Signal Processing*, ISSN 2522-6827, Canada;
- [105]. Membru în Colectivul editorial al revistei *Artificial Intelligence Evolution*, Universal Wiser Publisher, Singapore
- [106]. Membru în Colectivul editorial al revistei *Information Systems and Signal Processing Journal*, ISSN 2371-9419, Canada;
- [107]. Membru în Colectivul editorial al revistei *Journal of Electronics and Information Science*, ISSN 2371-9524, Canada;
- [108]. Membru în Colectivul editorial al revistei *Journal of Low Power Electronics and Design*, Canada;
- [109]. Membru în Colectivul editorial al revistei *Journal of Electronics and Information Science*, Canada; Clausius Scientific Press, Canada;
- [110]. Membru în Colectivul editorial al revistei *Journal of Electronic Research and Applications*, ISSN: **2208-3502**, Australia;
- [111]. Membru în Colectivul editorial al revistei *Science Journal of Circuits, Systems and Signal Processing*, **ISSN Print: 2326-9065, New York**
- [112]. **Guest Editor** la *Electronics* la numărul special „Efficient Algorithms and Architectures for DSP Applications”
- [113]. **Guest Editor** la *Applied Sciences* la numărul special” "Advance in Digital Signal Processing and Its Implementation”
- [114]. **Recenzor** de lucrări publicate în reviste internaționale ISI: *IEEE Trans. On Circuits and Systems for Video Technology*, *IEEE Transaction on Signal Processing*, *IEEE Signal processing Letters*, *IEEE Access*, *IEEE Trans. On Circuits and Systems I*, *IEEE Trans. On Circuits and Systems II*, *IEEE Communications Letters*, *IEEE Transactions on VLSI Systems*

### **Prof. univ. dr. habil. dr.h.c. Florin Mitu**

[115]. **Guest Editor al revistei științifice *Medicina*** - Advances in Chronic Coronary Syndrome and Coronary Heart Disease, inclusă în baze de date internaționale de la apariție, inclusă în Web of Science Core Collection, cu factor de impact.

[116]. **Guest Editor al revistei științifice *Medicina*** - Cardiovascular Disease: From Clinical Diagnosis to Management and Treatment, inclusă în baze de date internaționale de la apariție, inclusă în Web of Science Core Collection, cu factor de impact.

[117]. **Advisory Board – The Medical Surgical Journal Iași**

[118]. **Colegiul de Redacție – Revista de Medicină Internă**

### **Prof. univ. dr. ing. ec. dr.h.c. Dumitru Nedelcu**

[119]. **Editor**, Indian Journal of Engineering and Materials Sciences (IJEMS):  
<http://op.niscair.res.in/index.php/IJEMS/about/editorialTeam>

[120]. **Editor Șef**, International Journal of Hybrid Information Technology, Global Vision Press, Australia

Indexare: National Library of Australia, Crossref, Google Scholar, CNKI Scholar  
<https://gvpress.com/journals/IJHIT/>

[121]. **Editor Șef**, Advanced Engineering Forum, Scopus etc., Trans Tech Publications Inc., Elveția,

Indexare: Inspec (IET, Institution of Engineering Technology), Chemical Abstracts Service (CAS), Google Scholar, Cambridge Scientific Abstracts (CSA), ProQuest, Ulrichsweb, EBSCOhost Research Databases, Index Copernicus Journals Master List, WorldCat (OCLC).

<https://www.scientific.net/AEF/Editors>

[122]. **Editor Șef**, International Journal of Modern Manufacturing Technologies

Indexare: Scopus, Index Copernicus Journals Master list, CNKI, Google Scholar, IET-Inspec

<http://www.ijmmt.ro>

[123]. **Editor Șef**, International Journal of Manufacturing Economics and Management  
[www.ijmem.ro](http://www.ijmem.ro)

[124]. Special Issue "Micro- and Nanotechnologies: Materials, Manufacturing and Applications", Guest editors: Dumitru Nedelcu, Zhengyi Jiang, Panagiotis Kyratsis

[125]. Topical Advisory Panel, Polymers,  
[https://mdpi.com/journal/polymers/topic\\_editors](https://mdpi.com/journal/polymers/topic_editors);

[126]. **Editor**, Annals of Dunarea de Jos University of Galați, Fascicle XII, Welding Equipment and Technology, <https://www.cmrs.ugal.ro/editorialBoard.html>

[127]. **Topic editor**, Polymers, jurnal ISI Zona Q1, factor de impact 3,426, Basel, Elveția

[https://www.mdpi.com/journal/polymers/topic\\_editors](https://www.mdpi.com/journal/polymers/topic_editors)

[128]. **Topic editor**, Materials, jurnal ISI Zona Q2, factor de impact 3,057, Basel, Elveția

[https://www.mdpi.com/journal/materials/topic\\_editors](https://www.mdpi.com/journal/materials/topic_editors)

[129]. **Editor**, Journal of Mechanical Engineering and Automation (JMEA)- SUA, Indexare: American Federal Computer Library Center (OCLC), USA, Chinese Database of CEPS, CNKI, Google Scholar, CrossRef, World Cat, CQVIP, WanFang Data, Index of Copernicus

<http://www.davidpublisher.org/index.php/Home/Journal/detail?journalid=27&jx=jmea&cont=editorial>

[130]. **Editor**, Journal of Military Technology, Romania

[https://jmiltechnol.mta.ro/#editorial\\_b](https://jmiltechnol.mta.ro/#editorial_b)

### **Prof. univ. emerit dr. ing. Popa Ionel Marcel**

[131]. Membru în colegiul de redacție pentru *Buletin Institutul Politehnic, Iasi, (Romania)*

[132]. Membru în colegiul de redacție pentru *Environmental Engineering and Management Journal, Iasi (Romania)*

[133]. Membru în colegiul de redacție pentru *Scientific Study and Research, Bacau (Romania)*

### **Prof. univ. habil. dr. ing. Leonard Ionut Atanase**

[134]. Membru în colegiul de redacție pentru *Polymers, Basel*

[135]. Membru în colegiul de redacție pentru *International Journal of Medical Dentistry, Universitatea Apollonia din Iasi*

[136]. Membru în colegiul de redacție pentru *Nanoparticles Journal,*

[137]. Membru în colegiul de redacție pentru *Applied Chemistry.*

[138]. Membru în colegiul de redacție pentru *BME Horizon*

[139]. Membru în colegiul de redacție pentru *Discover Polymers*

[140]. Membru în colegiul de redacție pentru *International Quintessence of Biomedical Research*

[141]. Guest Editor: *International Journal of Molecular Sciences: Biopolymers for Enhanced Health Benefits—2nd Edition*

[142]. Guest Editor: *Polymers: Drug-Loaded Polymer Colloidal Systems in Nanomedicine III*

[143]. Guest Editor: *Molecules: Drug Delivery Systems Based on Polysaccharides: Second Edition*

[144]. Guest Editor: *Nanomaterials: Carbon Nanostructures as Promising Future Materials: 2nd Edition*

### **Prof. univ. dr. ing. Costica Bejinariu**

[145]. **Guest Editor** of Special Issue "*Corrosion Resistance Enhancement of the Materials Surface*" *Materials*, Q1, ISSN 1996-1944, Impact Factor 2023 – 3.1

[146]. **Guest Editor** of Special Issue "*Corrosion Resistance Enhancement of the Materials Surface—Second Edition*" *Materials*, Q1, ISSN 1996-1944, Impact Factor 2023 – 3.1

[147]. **Guest Editor** of Special Issue "*Innovations and Sustainable Practices to Ensure Project Safety and Improve Risk Management Capabilities*" *Sustainability*, Q2, ISSN 2071-1050, Impact Factor 2023 – 3.3

[148]. **Editorial Board Member** of *Materials*, Q1, ISSN 1996-1944, Impact Factor 2023 – 3.1

[149]. **Section Board Member** of *Materials*, Q1, ISSN 1996-1944, Impact Factor 2023 – 3.1

[150]. Membru al **Reviewers Board** of "*International Journal of Conservation Science*", Print ISSN: 2067-533X, Online ISSN: 2067-8223, Impact Factor 2023 – 0.6

[151]. **Editor** of the Section MATERIALS SCIENCE AND ENGINEERING of "*Bulletin of the Polytechnic Institute*", ISSN: 1453-1690.

[152]. **Academic Editor** of *Materials*, Q1, ISSN 1996-1944, Impact Factor 2023 – 3.1

### **Conf. univ. dr. ing. habil. Andrei Victor Sandu**

[153]. Publishing Editor al revistei științifice *International Journal of Conservation Science*, inclusă în baze de date internaționale SCOPUS, Web of Science (IF 0.6);

[154]. Publishing Editor al revistei științifice *European Journal of Materials Science and Engineering*, inclusă în baze de date internaționale;

[155]. Guest Editor: MATERIALS (MDPI, Q2); CRYSTALS (MDPI, Q2); APPLIED SCIENCES (MDPI, Q2)

[156]. Reviewer: Coatings (Q2); Materials (q1); Applied Sciences (Q1); Construction and Building Materials (Q1); Pharmaceuticals (Q2); Toxics (Q2); Buildings (Q2); Archives of Metallurgy and Materials (Q4); Construction Materials(Q4); Advances in Civil Engineering; Journal of Cleaner Production (Q2); Journal of Testing and Evaluation (Q2); Heliyon(Q2); International Journal of Molecular Sciences, Gels, ACS Omega, International Journal of Biological Macromolecules, Cancers, Processes, ACS Polymers Au, ACS Applied Materials & Interfaces, Surfaces and Interfaces, Industrial & Engineering Chemistry Research, Journal of Environmental Chemical Engineering, Heliyon, Journal of Molecular Liquids, Polymer, Polymers, Journal of Drug Delivery Science and Technology, Colloids and Surfaces A: Physicochemical and Engineering Aspects, Journal of Applied Polymer Science, Results in Chemistry, Life Sciences, Acta Biomaterialia, Nanotechnology Reviews.

### **Prof.univ.dr.ing. Ioan Doroftei**

[157]. **Associate Editor**, *ROBOTICA*

(<https://www.cambridge.org/core/journals/robotica/information/editorial-board>),

**ISSN:** 0263-5747 (Print), 1469-8668 (Online).

[158]. **Topic Editor**, ACTUATORS

([https://www.mdpi.com/journal/actuators/topic\\_editors](https://www.mdpi.com/journal/actuators/topic_editors)), ISSN: 2076-0825.

[159]. **Guest Editor**, ACTUATORS

([https://www.mdpi.com/journal/actuators/special\\_issues/advanced\\_robots\\_actuators](https://www.mdpi.com/journal/actuators/special_issues/advanced_robots_actuators)), ISSN: 2076-0825.

[160]. **Topic Editor**, MATERIALS

([https://www.mdpi.com/journal/materials/topic\\_editors](https://www.mdpi.com/journal/materials/topic_editors)), ISSN: 1996-1944.

[161]. **Guest Editor**, MATERIALS

([https://www.mdpi.com/journal/materials/special\\_issues/advance\\_materials\\_multifunctional\\_applications](https://www.mdpi.com/journal/materials/special_issues/advance_materials_multifunctional_applications)), ISSN: 1996-1944.

[162]. **Membru in comitetul editorial**, *European Journal of Mechanical and Environmental Engineering*, Bruxelles, ISSN 0035-3612, editată de Belgian Society of Mechanical and Environmental Engineering.

[163]. **Membru in comitetul editorial**, *International Journal of Advance Robotics & Expert Systems (JARES)*.

[164]. **Membru in comitetul editorial**, *Bulletin of the Polytechnic Institute of Iași. Machine constructions Section*, eISSN 2537-4869.

[165]. **Membru in comitetul stiintific**, *ROBOTICA & MANAGEMENT-International Journal*, revista BDI, ISSN 1453-2069, editată de Societatea de Robotica din Romania.

[166]. **Membru in comitetul stiintific**, *Bulletin of the Transilvania University of Brasov, Series I: Engineering Sciences*, ISSN (Print): 2065-2119, ISSN (CD-ROM): 2065-2127, ISSN (Online): 2971-9364, ISSN-L: 2065-2119.

### **Prof. univ. Emerit dr. Dhc. Mult. Laurențiu ȘOITU**

[167]. Membru în comitetul redacțional *Nature and nurture*, *Romanian Journal of Artistic Creativity*, New York,

[168]. Membru în comitetul redacțional *Revista Română de Jurnalism și Comunicare*;

[169]. Membru în comitetul redacțional *Annals of the University of Craiova. Series Communication. Media*;

- [170]. Membru în comitetul redacțional *Analele Universității „Ștefan cel Mare” din Suceava, Seria Științe ale Educației*;
- [171]. Membru în comitetul redacțional *Paidea – Revistă de educație a adulților*;
- [172]. Membru în comitetul redacțional *Revista Științe ale Educației*, Universitatea de Vest Timișoara;
- [173]. Membru în comitetul redacțional *Revista Științe ale Educației*, Universitatea Petrol Gaze Ploiești;
- [174]. Membru în comitetul redacțional *Revista IRDO – Institutul Român pentru Drepturile Omului*, București;
- [175]. Membru în comitetul redacțional *Review of artistic education*, Universitatea de Arte George Enescu, Iași

### **-Profesor invitat (în anul 2024)**

#### **Prof. univ. emerit dr. dr.h.c. Maricel Agop**

- [1]. Universitatea Lille I, Departamentul de Fizică, Franța (poziție permanentă din 2009)
- [2]. Universitatea din Atena, Grecia, Departamentul de Fizică (1999-2010)
- [3]. Universitatea din Innsbruck, Institutul de Ioni și Fizică Aplicată, Austria (2011-prezent)
- [4]. Universitatea din Reykjavik, Departamentul de Fizică, Island (2011)
- [5]. Universitatea din Hyogo, Laboratorul de Științe Avansate și Tehnologie pentru Industrie, Japonia (2008)

#### **Prof. univ. dr. Grigore Tinica**

- [6]. Al 19-lea Congres Național al Societății Române de Chirurgie Cardiovasculară, 25-27.11.2023

#### **Prof.univ.dr.ing.ec. dr.h.c. Dumitru Nedelcu**

- [7]. Profesor invitat cu normă întreagă de predare, Facultatea de Mecanică, Universitatea Silesiană de Tehnologie din Gliwice, Polonia
- [8]. Profesor invitat cu activitate de predare, Universitatea de Stat "Alec Russo" din Bălți, Republica Moldova.

#### **Prof. Univ. Habil. dr. ing. Leonard Ionut Atanase**

- [9]. University of Haute Alsace, Mulhouse, France. Perioada 21.06.2024-20.07.2024

**- premii, recunoașterea meritelor academice și științifice pe plan național și internațional (acordate în 2024, cu excepția premiilor Academiei Române și AOSR care se considera pentru toată activitatea)**

#### **Prof. univ. emerit dr. dr.h.c. Maricel Agop**

##### **Premii și distincții internaționale:**

- [1]. „Honorable Mention” acordat de Societatea americană Gravity Research Foundation, Massachusetts, în 1986, pentru Awards for Essays on Gravitation (o lucrare de fizică teoretică)
- [2]. Medalia de aur, Brussels Eureka 94, pentru invenția *Materiaux heterojonctionnelles semiconductereous obtenus par coprecipitation sequentielle*, Sandu I., Balan T., Agop M., Furnica E., Anghel I.
- [3]. Medalia de aur, Brussels Eureka 94, pentru *Pilesactivables a leau*, Sandu I., Gulea A., Agop M., Lupuțiu M., Popa L.

### **Premii si distinctii nationale:**

[4]. Premiul de excelență acordat de Uniunea Armenilor din România pentru întreaga activitate (1995)

[5]. Doctor Honoris Causa al Universității „Vasile Alecsandri” din Bacău (2013);

[6]. Membru corespondent al Academiei Oamenilor de Stiinta din Romania (din 2018-prezent)

Premiile ACADEMIEI ROMANE:

[7]. Secțiunea Științe Fizice, Premiul ȘERBAN ȚIȚEICA, Nicolae MAZILU, Maricel AGOP, Ioan MERCHEȘ pentru lucrarea The Mathematical Principles of Scale Relativity Physics. The Concept of Interpretation, Editura CRC Press, 2020;

[8]. Secțiunea Știința și Tehnologia Informației, Premiul CORNELIU PENESCU, Călin BUZEA, Viorel-Puiu PĂUN, Lucian EVA, Maricel AGOP, Ionel Daniel COJOCARU, Roxana Irina IANCU, Dragoș Teodor IANCU pentru lucrarea Radiomica. Fundamente și aplicații, Editura Academiei Române, 2020;

[9]. Premiul pentru cea mai buna carte in domeniu pe anul 2020 („Atomicity through Fractal Measure Theory” , Alina Gavriluț, Ioan Mercheș, Maricel Agop, Ed.SPRINGER) si a 58-a din istoria Editurii SPRINGER;

[10]. Invitatie în cadrul Parlamentului European de la Bruxelles, unde a avut loc lansarea volumului „Towards the multifractal brain by means of informational paradigm”, realizată de Prof. univ. dr. Maricel Agop, Lector univ. dr. Alina Gavriluț, Manager Dr. Lucian Eva și Dr. Gabriel Crumpei,

### **CSI, Dr. habil. Alin Stelian Ciobică**

[11]. Best Poster – in the section “Section II: Environmental factors, Ecological restoration and Anthropic Impact”, Ionuț-Alexandru Chelaru, Dorel Ureche, Diana Mirilă, Alin Stelian Ciobică, Single and combined toxicological effects of meropenem and ketoprofen treatments on zebrafish behaviour, „Deltas & Wetlands” International Scientific Event, 31st edition, May 13 – 17, 2024, Tulcea.

[12]. **Recenzii:** 9 ianuarie 2024 - International Journal of Molecular Sciences MDPI – IF 5,6; 12 ianuarie 2024 – Diagnostics MDPI - IF 3,6; 19 ianuarie 2024 - International Journal of Molecular Sciences MDPI – IF 5,6; februarie 2024 – Nutrients MDPI – IF 5,9 28 martie 2024 - Current Issues in Molecular Biology MDPI – IF 3,1; Editor - 7 martie 2024 – medicina mdpi if 2,6; 15 aprilie 2024 - Pharmaceuticals- MDPI – IF 4,6; Editor - 4 aprilie 2024 – medicina mdpi if 2,6; 30 aprilie – Microplastics MDPI; 20 MAI pharmaceuticals MDPI – IF 5,4; 13 iunie – Life mdpi – if 3,2; 1 august - Nutraceuticals MDPI; 5 august - Molecules – MDPI – IF 4,2; Editor – 15 august 2024 – medicina mdpi if 2,6; 15 august – Biomedicines – IF 3,9; 27 September - – Microplastics MDPI; Editor – 27 September – medicina mdpi if 2,6; Editor – 17 December 2024– medicina mdpi if 2,6

### **Prof. univ. dr. Theodor Damian**

[13]. Premio Accademia Internazionale „Apollo dionisiaco”, finalista in poesia, Roma, 7 Dec. 2024 (www.accademiapoesiarte.com).

### **Prof.univ.emerit dr. Constantin Fetecau**

[14]. Best Mathematics Scientists:

- Locul 2 la “Matematica teoretica”
- Locul 3 la “Matematica aplicata”

[15]. World's Top 2% Scientists 2024, Based on Stanford and Elsevier Data

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

[16]. Member of the assessment committee of the PhD thesis of Mr. **Qaisar Khan** from Riphah International University, Islamabad, Pakistan 2024; Title: Convective heat and mass transfer in squeezed flows, Supervisor Dr. Muhammad Farooq.

[17]. Member of the assessment committee of the PhD thesis of Mr. **Jamshaid Iqbal** from COMSATS University Islamabad, Pakistan 2024; Title: Heat and Mass Transfer Analysis for Peristaltic Transport of Nanofluids Through Curved Channels, Supervisor Dr. Fahad Munir Abbasi.

[18]. Member of the assessment committee of the PhD thesis of Ms. **Saira Siddiqui** from Government College University, Faisalabad, Pakistan 2024; Title: Numerical Solutions of Fractional Differential Models with Non-Singular Operator, Supervisor Dr. Saima Parveen and Dr. Sadia Arshad.

[19]. Member of the assessment committee of the PhD thesis of Ms. **Arooj Tanveer** from COMSATS University Islamabad, Pakistan 2024; Title: Computational Analysis of Newtonian and Non-Newtonian Fluid Flows in Different Configurations, Supervisor Dr. Muhammad Bilal Ashraf.

[20]. Member of the assessment committee of the PhD thesis of Ms. **Hafza Tayyaba Malik** from Riphah International University Islamabad, Pakistan 2024; Title: Characteristics of Convective Heat Transfer in Thermally Stratified Flows, Supervisor Dr. Muhammad Farooq.

### **Membru în Comitetul Științific al unor Conferințe internaționale**

[21]. Member of the 5th International Conference on Mechanical Engineering and Materials (ICMEM 2024) 15-16 November, 2024, Wuhan, China. <https://www.icmem.cn/>

### **Prof.univ.emerit dr.ing. Ion Giurma**

[22]. Premiul special al juriului, Workshop inventii-inovatii, 2024, Universitatea Tehnica Gheorghe Asachi din Iasi.

### **Prof. univ. dr. Ioan Solcanu**

[23]. Premiul „Dimitrie Cantemir” pentru lucrarea *Enciclopedie Centenarul Războiului de Întregitre și al Marii Uniri (2014-2020)*, Edidura Univers Enciclopedic Gold, București, 2022, 7016 p. acordat de Academia oamenilor de Știință din România;

[24]. Premiul „Profesor Alexandru Moșanu” pentru lucrarea *Enciclopedie Centenarul Războiului de Întregitre și al Marii Uniri (2014-2020)*, Edidura Univers Enciclopedic Gold, București, 2022, 7016 p., acordat de Asociația Istoricilor din Republica Moldova „Alexeandru Moșanu”

### **Prof.univ.dr. Grigore Tinica**

[25]. Certificate of Appreciation EABM 2024

### **Conf. univ. dr. ing. habil. Andrei Victor SANDU**

[26]. 2 Medalii de aur în cadrul Saloanelor Mondiale de invenții - Conf. Andrei Victor SANDU et al. (Preparation method of geopolymers based on red mud, fly ash and fluegas fly ash product suitable for civil engineering applications):

- 2024 Japan Design, Idea & Invention Expo, JIDE
- International Invention Innovation Competition in Canada, ICAN 2023

[26]. 6 Medalii de aur în cadrul Saloanelor Mondiale de invenții - Conf. Andrei Victor SANDU et al. (Ecologic geopolimer based on thermoelectric power plant ash and glass powder from recycled wastes for applications in the field of buildings materials and obtaining procedure):

- 48th International Invention Show INOVA Croatia, 17 oct 2024
- DIS - Development Invention Show - Dubai 13 Dec 2024
- ISIF24, Adana, Turkey, 9th International Invention Fair, 6 oct 2024
- International Innovation and Invention Show, Europolitehnicus Bucuresti, Nov. 2024
- Saudi Global Inventions and Innovations Expo (SGiE, Nov 2024)

[27]. 3 Medalii de aur în cadrul Saloanelor Mondiale de invenții - Conf. Andrei Victor SANDU et al. (Jacuzzi system for thermalism with hydro-/air-massage and halochamber treatments with solions):

- Kohsiung International Invention & Design Expo, KIDE, Taiwan, 7 dec 2024
- International Invention&Trade Expo, London, Sept 2024
- 48th International Invention Show INOVA Croatia, 17 oct 2024

#### **Prof. univ. dr. ing. Costica Bejinariu**

[28]. **Gold Medal** at International Innovation and Invention Show EURO POLITEHNICUS 2024, Bucharest, 22-23 nov. 2024, for the invention *Nozzle system used for thermal spraying in electric arc*, Patent No. RO134208B1/30.04.2024.

[29]. **Gold Medal** at International Specialized Exhibition, Traian Vuia 2024, Timisoara, 13-15 iun. 2024, for the invention *Nozzle system used for thermal spraying in electric arc*, Patent No. RO134208B1/30.04.2024.

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

#### **Prof.univ.emerit.dr.ing.dr.H.C.mult Marcel Popa**

[1]. Recenzie, *Polycaprolactone-triol polyurethane nanocapsules for controlled and sustained release of piperine*, Armanda Schueng Lima et. al.

[2]. Recenzie, *Application of polysaccharide materials in the prevention and treatment of oral diseases*, Haiyan Liu et al.

[3]. Recenzie, *Thermosensitive sol-gel system containing vancomycin loaded thiomeric nanoparticles for the enhanced permeation across nasal membrane*, Samia Tabassaum et al... *International Journal of Nanomedicine*,

#### **Prof.univ.dr. Theodor Damian**

[4]. Un binemeritat omagiu, prefață la *Foc de artificii* de Acad. Iovitz Popescu, Editura Academiei Române, București (în curs de publicare); în *Lumină Lină / Gracious Light*, Nr. 2, 2024, pp. 95-97.

[5]. Horia Ion Groza și buchetul de muguri ai duhului, prefață la *Fiiința Pietrei* de Horia Ion Groza, Logos, București, 2024, pp. 7-22; în *Lumină Lină. Gracious Light*, An XXIX, Nr. 3, Iul. – Sept. 2024, pp. 75-84.

#### **Prof. univ. emerit dr. Constantin Fetecau**

În calitate de membru în Comitetul editorial al jurnalului "**Symmetry**" am luat decizia pentru publicare sau nu a unui număr de 40 lucrări.

**Recenzent științific:** În anul 2024 am recenzat **16**(sasesprezece) lucrări, după cum urmează:

**6). Manuscript AEJ-D-24-0006** (Alexandria Engineering Journal)

**Title:** Slip effect on the convective flow of MHD fractional Jeffrey fluid incorporating Atangana-Baleanu fractional operator

**Authors:** Iram Hassan, Abdul Basit, Muhammad Zahid, Muhammad Shahryar

**7). Manuscript TAEN-2024-0028** (International Journal of Ambient Energy)

**Title:** Coriolis analysis on the time-dependent magnetohydrodynamic flow of a second-grade fluid through a permeable medium

**Authors:** P.K. Pattnaik, S.R. Mishra, Subhajit Panda

**8). Manuscript POF24-AR-01207** (Physics of Fluids)

**Title:** Heating from Above in Non-Isotropic Suspensions: Phototactic Bioconvection under Collimated Irradiation

**Authors:** Sandeep Kumar and Shaowei Wang

**9). Manuscript mathematics-2891393** (Mathematics)

**Title:** Non-Newtonian pressure-governed rivulet-flows on inclined surface

**Authors:** Sergey Ershkov, Dmytro D. Leshchenko

**10). Manuscript POF24-AR-01207 R1** (Physics of Fluids)

**Title:** Heating from Above in Non-Isotropic Suspensions: Phototactic Bioconvection under Collimated Irradiation

**Authors:** Sandeep Kumar and Shaowei Wang

**11). Manuscript POF24-AR-02487** (Physics of Fluids)

**Title:** Thermodynamic and Mass Transfer Computation in a curved Cavity: Effects of Aspect Ratio vs Casson fluid

**Authors:** Afraz Hussain Majeed, Dong Liu, Zhang Jia Yin, and Ren Huan Yi

**12). Manuscript ID: axioms-2926443** (Axioms)

**Title:** An Extended Thermodynamics Study for second-grade adiabatic non-Newtonian Fluids

**Authors:** Elvira Barbera, Claudia Fazio

**13). Manuscript JENS-D-24-00275** (International Journal of Engineering Science)

**Title:** Non-stationary helical flows for Oberbeck–Boussinesq Equations of incompressible Newtonian fluid with convection

**Authors:** Sergey Ershkov; Evgeniy Prosviryakov; Evgenii Baranovskii; Victor Christianto

**14). Manuscript ID: axioms-2926443 R1** (Axioms)

**Title:** An Extended Thermodynamics Study for second-grade adiabatic non-Newtonian Fluids

**Authors:** Elvira Barbera, Claudia Fazio

**15). Manuscript POF24-AR-03106** (Physics of Fluids)

**Title:** Stability of viscoelastic film on a slippery inclined plane

**Authors:** Shaofeng Du, Yue Xiao, Qiao Li, Shaowei Wang, and Moli Zhao

**16). Manuscript TAEN-2024-0374** (International Journal of Ambient Energy)

**Title:** An analytical solution of non-Newtonian fluid flow over a MHD in the presence of mixed convection heat transfer in a porous media

**Authors:** Rekha Maaliger B, Madhu J, Raghunath K R, M. C. Jayaprakash, Raman Kumar

**17). Manuscript TAEN-2024-0374 R1** (International Journal of Ambient Energy)

**Title:** An analytical solution of non-Newtonian fluid flow over a MHD in the presence of mixed convection heat transfer in a porous media

**Authors:** Rekha Maaliger B, Madhu J, Raghunath K R, M. C. Jayaprakash, Raman Kumar

**18). Manuscript CNSNS-D-24-02451** (Communications in Nonlinear Science and Numerical Simulation)

**Title:** General Solution of the Maxwell Equations for the Stagnation Point Problem with Cylindrical Symmetry for All Values of the Parameter in the Johnson-Segalman Derivative

**Authors:** C. Chittam and S.V. Meleshko

**19). Manuscript zamm.202400745** (ZAMM)

**Title:** Effects of thermal radiations on the blood flow temperature dynamics in a narrow stretched artery

**Authors:** Hussain, Mazhar; Amer, Iqra; Mansoor, M.; Hanif, Zohaib

**20). Manuscript CNSNS-D-24-02451 R1** (Communications in Nonlinear Science and Numerical Simulation)

**Title:** General Solution of the Maxwell Equations for the Stagnation Point Problem with Cylindrical Symmetry for All Values of the Parameter in the Johnson-Segalman Derivative

**Authors:** C. Chittam and S.V. Meleshko

**21). Manuscript axioms-3350538** (Axioms)

**Title:** On the symmetric positive definite character of the thermal conductivity tensor

**Authors:** Ali R. Hadjesfandiari

### **Prof. univ. dr. Ioan Solcanu**

[22]. Recenzie la volumul: Ioan Scurtu, Martor la impunerea, evoluția și prăbușirea regimului totalitar socialist din România (1957-1989), în *Annals Series on History and Archaeology Sciences*”, p. 138-141.

### **Prof. univ. dr. ing. Costica Bejinariu**

[23]. As an Editorial Board Member of *Materials* - 6 new submissions pre-check for article.

[24]. As an Editorial Board Member of *Materials* - 6 decisions made for article.

### **Prof.univ.dr.ing. Ioan Doroftei**

[25]. **Recenzor la jurnale:** IEEE Transactions on Robotics; IEEE Transactions on Mechatronics; IEEE Transactions on Industrial Electronics; IEEE Systems; IEEE Transactions on Cognitive and Developmental Systems; Robotics and Computer Integrated Manufacturing; International Journal of Advanced Robotic Systems; Robotica; Journal of Sensors; Robotics and Autonomous Systems; Journal of Mechanical Science and Technology; Assembly Automation; Journal of Bionic Engineering; Journal of Intelligent & Robotics Systems; Journal of Advanced Manufacturing and Processing; Electronics; Energies; Applied Sciences; Computer Speech and Language; Advances in Mechanical Engineering; Applied Mathematics and Mechanics; Computational Intelligence and Neuroscience; Archive of Mechanical Engineering; Drones; Mechanics & Industry; Mathematical Problems in Engineering; Machines; Acta IMEKO; Proceedings of the Romanian Academy – Series A; Romanian Journal of Technical Sciences – Applied Mechanics; European Journal of Mechanical and Environmental Engineering; ROBOTICA & MANAGEMENT-International Journal; Frontiers in Energy Research; Frontiers of Mechanical Engineering; Intelligent Service Robotics; Robotics; Sustainability; Mechatronics; Journal of Pharmaceutical Research International; Part C\_ Journal of Mechanical Engineering Science; Biomimetics; Sensors; Actuators; IEEE Robotics and Automation Magazine; Applied Bionics and Biomechanics; Agriculture; Processes; Journal of Mechanics in Medicine and Biology; IEEE Robotics and Automation Letters; Transactions on Neural Systems and Rehabilitation Engineering; Journal of Field

Robotics; Journal of Computational Design and Engineering; IEEE Transactions on Intelligent Vehicles; Technologies; Industrial Robot.

[26]. **Recenzor la conferințe:** 12th International Conference - Modern Technologies in Industrial Engineering, ModTech 2024, June June 24-27, The Everly Hotel, Putrajaya, Kuala Lumpur, Malaysia; The 11th International Conference on Advanced Concepts in Mechanical Engineering, ACME 2024, June 6 – 7, 2024, Iasi, Romania; 6th IFToMM Symposium on Mechanism Design for Robotics Timișoara, Romania, June 27-29, 2024; 27th International Conference on Climbing and Walking Robots and the Support Technologies for Mobile Machines, CLAWAR 2024, 04 – 06 September 2024, Kaiserslautern, Germany; The Joint International Conference of the 7th International Conference on Mechanical Engineering (ICOME) and the 3rd International Conference on Advanced Research in Engineering (CARE) - ICOME & CARE 2024, October 17-19, 2024, Craiova, Romania; 10th International Conference on Control, Decision and Information Technologies – CODIT2024, July 01-04, Valetta, Malta.

**CS I Dr. habil. Tudor Barbu**, recenzor pentru conferințe internaționale ISI:

[27]. *12<sup>th</sup> International Conference on e-Health and Bioengineering, EHB 2024*, IEEE

[28]. *10<sup>th</sup> International Conference on Control, Decision and Information Technologies, CoDIT 2024*, IEEE

[29]. *4<sup>rd</sup> International Conference on Image Processing and Vision Engineering, IMPROVE 2024*

**Prof. univ. dr. habil. ing. Doru Florin Chiper**

[30]. Premiul Academiei Romane Constantin Budeanu pe anul 2005 primit in 2007.

**- experți (în activitate în cursul anului 2024)**

**Prof. univ. emerit dr.ing. Maria Gavrilescu**

[1]. Expert independent al Comisiei Europene, Brussels

[2]. Expert independent al European Science Foundation, Strasbourg

[3]. Expert independent al National Science Center, Polonia

[4]. Membru al CNATDCU, *Comisia Ingineria Mediului*, conform Ordinul nr. 5908/2024 privind componența nominală a Consiliului general și a comisiilor de specialitate ale

**Comisiei Naționale de Atestare a Titlurilor, Diplomelor și Certificatelor Universitare (CNATDCU)** pentru mandatul 2024-2028, al Ministerului Educației

**Prof. univ. emerit dr.ing. In Giurma**

[5]. Expert în Comisia de certificare a corpurilor de experți pentru evaluarea stării de siguranță în exploatare a barajelor din categoriile de importanță A și B, conform OM 1958/28.10.2021

[6]. Expert în Comisia de certificare a corpurilor de experți pentru evaluarea stării de siguranță în exploatare a barajelor din categoriile de importanță C și D, conform OM 1958/28.10.2021

[7]. 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

[8]. 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

[9]. Evaluarea stării de siguranță în exploatare a 7 lacuri de acumulare, in anul 2024, categoria B de importanță;

[10]. Evaluarea stării de siguranță în exploatare a 15 lacuri de acumulare, in anul 2024, categoria C de importanță.

### **Prof. univ.dr.ing. Marcel Popa**

[11]. **Expert evaluator** pentru proiecte ale « Agence Universitaire de la Francophonie » (AUF)

[12]. **Expert evaluator** pentru proiecte de cercetare stiintifica ale „Agence Nationale de Recherche” (ANR), France

[13]. **Expert evaluator** pentru proiecte de cercetare stiintifica ale CFQCU- Quebec, Canada

[14]. **Expert evaluator** pentru proiecte de cercetare stiintifica ale National Science Center (NCN), Polonia

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

[15]. Expert evaluator UEFISCDI

### **Prof. univ. dr.habil.dr.h.c. Florin Mitu**

[16]. Comisia de Malpraxis MS

### **Prof.univ.dr.ing.ec. dr.h.c. Dumitru Nedelcu**

[17]. Membru Comisia 16 CNATDCU.

### **Prof. univ. habil. dr. ing. Leonard Ionut Atanase**

[18]. Expert național în cadrul Corpului de experți înscriși în Registrul Național al Experților pentru certificarea activității de cercetare-dezvoltare (REXCD).

### **Prof.univ.dr.ing. Ioan Doroftei**

[19]. Expert ARACIS

[20]. Membru al Comisiei C17, CNATDCU

[21]. Prim-Vicepreședinte al Societății de Robotică din România, SRR, afiliată la International Federation of Robotics – IFR

[22]. Vicepresedinte al Asociației Române de Teoria Mecanismelor și Mașinilor, ARoTMM, afiliată la International Federation for the Promotion of Mechanism and Machine Science, IFToMM

[23]. comisii doctorat: 2 Brasov, 1 Timisoara, 1 Cluj-Napoca,

[24]. 2 comisii concurs conf. univ. Timisoara

### **Conf. univ. dr. habil. Andrei Victor SANDU**

[25]. Expert evaluator Qatar Research Fund (2 aplicatii)

[26]. Expert evaluator ARUT (1 aplicatie)

### **- Alte activități**

### **Prof.univ.dr. Theodor Damian**

[1]. **Prezentări diverse:**

-Prezentare a revistei *Lumină Lină*, New York, **Theodor Damian**, la Simpozionul Internațional „Mai aproape prin literatură și folclor”, Satu Mare, 16-18 Aug. 2024

- Meditație la Sărbătoarea Sf. Vasile cel Mare, **Theodor Damian**, Biserica Buna Vestire, München, 1 Ian. 2024 (<https://www.youtube.com/watch?v=D0viU27hcDw>)
  - Meditație despre valoarea spirituală a postului, **Theodor Damian**, Centrul Bisericesc Român Ortodox din München, 19 mai 2024.
  - Meditație despre moarte și înviere, **Theodor Damian**, Biserica Buna Vestire, München, 27 Oct. 2024.
  - Prezentare a Cenaclului literar „M. Eminescu” din New York și a revistei *Lumină Lină*, **Theodor Damian**, la Cenaclul de la Roma, ediția lunară Nr. 112, 15 Dec. 2024, Teatro degli Scriitori FUIS, Roma.
- [2]. **Interviuri:**
- Florentina Toniță, „Ancheta literară: Theodor Damian, despre scris și iubire”, în [www.stiri.botosani.ro](http://www.stiri.botosani.ro), 1 Oct. 2024.
  - 4 septembrie 2024 Th. Damian a dat un interviu scriitorului Florentin Popescu la TV Moldova Plus în emisiunea „Cafeneaua literară”.
  - Florentina Toniță, „Ancheta Știri Botoșani: Ce facem cu cărțile vechi din propria bibliotecă?”, în <https://stiri.botosani.ro>, 21 Iul. 2024.

### **Prof. univ. dr. Norina Consuela Forna**

- [3]. Presedinte pe Europa GADEF Europa – 2022-prezent
- [4]. Vicepresedinte in Biroul Executiv GADEF - 2022- prezent
- [5]. Președinte CID-CDF - Confederația Decanilor Facultăților de Medicină Dentară de Origine Total sau Parțial Franceză din 2017 (al 2-lea mandat) 2023- prezent
- [6]. Regent District 14-Central&Southem Europe ICD – 2023 - prezent
- [7]. Coordonator atestat Terapii implanto-protetice in Medicina dentara, 2023-2024
- [8]. Coordonator cursuri postuniversitare 2023-2024

### **Prof. univ. emerit dr.ing. Ion Giurma**

- [9]. Membru în 4 comisii de doctorat la Universitatea Tehnică “Gheorghe Asachi” din Iași.
- [10]. Teză de doctorat, “Studii și cercetări privind exploatarea acumulărilor complexe la ape mari”, autor *Ioan Bălan*, Universitatea Tehnică “Gheorghe Asachi” din Iași, iulie 2024, conducător științific Prof.dr.ing. Ion Giurma;

### **Prof.univ.dr. Grigore Tinica**

- [11]. Certificate MAVIS, for the achievement of Mos Advanced Idea in the 2023 Heart Hackathon Grand Final, 29.10.2023.
  - [12]. Vicepreședinte al Societății Române de Chirurgie Cardiovasculară (2022-2024) Președinte Euro-Asian Bridge Society (2024);
  - [13]. Stagii de perfecționare, Patient Blood Management in cardiac surgery Postgraduate Course în cadrul EABM 2024.
  - [14]. Responsabil cerc studentesc: Cercul de Anatomie Andreas Vesalius
  - [15]. Comisie susținere publică doctorat: Decizia rectorului privind componența comisiei de susținere publică a tezei de doctorat Tehnici de revascularizare hibridă în ischemiile membrului inferior, doctorand Paiuș Cristian Traian
  - [16]. Comisie susținere publică doctorat: Decizie rectorului USMF Chișinău privind componența comisiei de susținere publică a tezei de doctorat habilitat în științe medicale a tezei de doctorat Tratamentul chirurgical al pacienților cu cancer bronhopulmonar și risc anestezico-chirurgical major, doctorand Igor Maxim.
3. Membru comisie de chirurgie cardiovasculară MS conform Ordin nr. 2798/21.08.2023.

### **Prof. univ. dr. Doriana Agop Forna**

[17]. Coordonator rezidentiat Chirurgie dento-alveolara 2024

[18]. Coordonator atestat Terapii minim invazive cu ajutorul laserilor chirurgicali in medicina stomatologica, 2024-2025

[19]. Cercetator stiintific grad 2 ICAI Bucuresti

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

[20]. Membru al Comisiei de Informatică a **Consiliului Național de Atestare a Titlurilor, Diplomelor și Certificatelor Universitare - CNATDCU** al M. E. C.

[21]. Membru al **Comisiei de evaluare a performanței pentru integrarea activității de cercetare științifică și dezvoltare tehnologică a organizațiilor de cercetare** a Ministerului Cercetării, Inovării și Digitalizării

[22]. Coordonator al Compartimentului de *Procesare și analiză a imaginilor statice și video* din cadrul Institutului de Informatică Teoretică al Academiei Române – Filiala Iași

[23]. Membru al Consiliului Științific (de conducere) al Institutului de Informatică Teoretică al Academiei Române – Filiala Iași

[24]. Membru al Consiliului (de conducere) **Școlii Doctorale de Științe Matematice și Informatică** din cadrul SCOSAAR

[25]. Membru titular al *Romanian Society for Industrial and Applied Mathematics* (ROMAI)

### **Prof. univ. dr. habil.ing. Doru Florin Chiper**

[26]. Expert evaluator granturi The Malta Council for Science & Technology (Sino-Malta, Research Excellence Programme, Digital Technology Programme)

[27]. Expert evaluator granturi UEFISCDI (PTE 2024)

### **Prof. univ. dr. habil.dr.h.c. Florin Mitu**

[28]. Vicepreședinte Colegiul Medicilor Iași

### **Prof.univ.dr.ing.ec. dr.h.c. Dumitru Nedelcu**

[29]. Obținerea titlului onorific de Doctor Honoris Causa din partea Universității de Stat Alecu Russo din Bălți, Republica Moldova în data de 15 noiembrie 2024.

[30]. Acord de cooperare internațională: Laboratorul de Mecanică Fină și Nanotehnologii, Facultatea de Construcții de Mașini și Management Industrial, Universitatea Tehnică Gheorghe Asachi din Iași - Catedra de Științe Fizice și Inginerești, Universitatea de Stat "Alecu Russo" din Bălți, Republica Moldova.

### **Prof. univ. habil. dr. ing. Leonard Ionut Atanase**

[31]. Expert evaluator pentru proiecte ale National Science Center, Polonia.

[32]. Membru in juriul de doctorat la Universitatea Babes-Bolyai, Cluj Napoca.

### **Prof. univ. dr. ing. Costica Bejinariu**

[33]. Sunt secretarul grupului de lucru „*Legislația securității și sănătății în muncă*” a Comisiei pentru Securitate și Sănătate în Muncă [**CSSM**] din cadrul Academiei Oamenilor de Știință din România, link: <https://www.aosr.ro/centre/>, <https://www.aosr.ro/wp-content/uploads/2023/10/CSSM-AOSR.pdf>

**Prof.univ.dr.ing. Ioan Doroftei**

[34]. **Membru în Comitetul Științific la conferințe:** 12th International Conference - Modern Technologies in Industrial Engineering, ModTech 2024, June 24-27, The Everly Hotel, Putrajaya, Kuala Lumpur, Malaysia; The 11th International Conference on Advanced Concepts in Mechanical Engineering, ACME 2024, June 6 - 7, 2023, Iasi, Romania; 6th IFToMM Symposium on Mechanism Design for Robotics Timișoara, Romania, June 27-29, 2024; International Conference on Advancement in Computation & Computer Technologies (InCACCT), 2024, Chandigarh University, Punjab (India); 27th International Conference on Climbing and Walking Robots and the Support Technologies for Mobile Machines, CLAWAR 2024, 04 - 06 September 2024, Kaiserslautern, Germany; The Joint International Conference of the 7th International Conference on Mechanical Engineering (ICOME) and the 3rd International Conference on Advanced Research in Engineering (CARE) - ICOME & CARE 2024, October 17-19, 2024, Craiova, Romania; 7th International Conference of the Doctoral School, TUIASI CSD 2024, May 15-17, 2024, Iasi, Romania; 10th International Conference on Control, Decision and Information Technologies - CODIT2024, July 01-04, Valetta, Malta.

**Prof. univ. emerit dr.h.c. Mult. Laurențiu Șoitu**

[35]. Președintele Comisiei de Științe ale Educației, Academia Română Filiala Iași

**Prof. univ. emerit. dr. ing. dr.h.c. mult. Marcel Popa**

[36]. Teză de doctorat finalizată, Ing. Camelia Tincu – teza în co-tutela cu Universitatea de Medicină și Farmacie Grigore T. Popa – Iași, conducător științific.

Iași, 29 ianuarie 2025

**Prof.univ.emerit dr.dr.h.c.  
Nicolae Țăranu**

Președinte AOȘR Filiala Iași



**Prof.univ.dr.ing.ec.dr.h.c.  
Dumitru Nedelcu**

Secretar Științific AOȘR Filiala Iași

