



## Curriculum vitae Europass

<b>Informații personale</b>	
Nume / Prenume	<b>VLĂDUȚ Nicolae-Valentin</b>
Naționalitate(-ități)	română
<b>Experiența profesională</b> <i>(în ordine invers cronologică)</i>	
<b>Perioada</b>	12.2016 – prezent
Funcția sau postul ocupat	Director General
Activități și responsabilități principale	Coordonarea din punct de vedere administrativ a activității din cadrul INMA București
Numele și adresa angajatorului	INMA București, Bd. Ion Ionescu de la Brad nr. 6, sect.1, București
Tipul activității sau sectorul de activitate	Cercetare
<b>Perioada</b>	05.2013 - 12.2016
Funcția sau postul ocupat	Director Științific
Activități și responsabilități principale	Coordonarea din punct de vedere științific a activității de cercetare din cadrul INMA București
Numele și adresa angajatorului	INMA București, Bd. Ion Ionescu de la Brad nr. 6, sect.1, București
Tipul activității sau sectorul de activitate	Cercetare
<b>Perioada</b>	2005 - 2012
Funcția sau postul ocupat	Șef Departament Încercări
Activități și responsabilități principale	Coordonarea științifică și administrativă a activității personalului din cadrul departamentului
Numele și adresa angajatorului	INMA București, Bd. Ion Ionescu de la Brad nr. 6, sect.1, București
Tipul activității sau sectorul de activitate	Cercetare
<b>Perioada</b>	1998-2005
Funcția sau postul ocupat	Cercetător
Activități și responsabilități principale	Proiecte de cercetare (testare echipamente și mașini agricole); Responsabil încercări: determinarea performanțelor, siguranței și securității muncii pentru mașini de recoltat, echipamente de prelucrat solul, fertilizat, irigat, stropit și erbicidat, morărit, industria alimentară, etc.
Numele și adresa angajatorului	INMA București, Bd. Ion Ionescu de la Brad nr. 6, sect.1, București
Tipul activității sau sectorul de activitate	Cercetare
<b>Educație și formare</b> <i>în ordine invers cronologică, se vor trece și cele mai importante studii post-universitare, post-doctorale, Burse studii, Stagii lucru</i>	
<b>Perioada</b>	2023
Calificarea / diploma obținută	INGINERIE MECANICA / Certificat de Abilitare Începând din 2024 – Conducător Doctorat afiliat Școlii de Doctorat a Facultății de Ingineria Sistemelor Biotehnice
Disciplinele principale studiate / competențe profesionale dobândite	TEZĂ DE ABILITARE
Numele și tipul instituției de învățământ / furnizorului de formare	Universitatea Națională de Știință și Tehnologie POLITEHNICA București
<b>Perioada</b>	1998 - 2004
Calificarea / diploma obținută	INGINERIE MECANICA / Diploma Doctor

Disciplinele principale studiate / competențe profesionale dobândite	Mecanică / Mașini de Recoltat / Prelucrarea datelor experimentale
Numele și tipul instituției de învățământ / furnizorului de formare	Universitatea „POLITEHNICA” din București
<b>Perioada</b>	1998 - 1999
Calificarea / diploma obținută	Managementul Sistemelor Biotehnice / Diplomă STUDII APROFUNDATE
Disciplinele principale studiate / competențe profesionale dobândite	Management, Sisteme Biotehnice, Sisteme de asigurarea calității
Numele și tipul instituției de învățământ / furnizorului de formare	Universitatea „POLITEHNICA” din București
<b>Perioada</b>	1997 - 1998
Calificarea / diploma obținută	Cercetare, Proiectare și Testare Asistată de Calculator / Diplomă STUDII APROFUNDATE
Disciplinele principale studiate / competențe profesionale dobândite	Principii de proiectare, Analiză cu elemente finite
Numele și tipul instituției de învățământ / furnizorului de formare	Universitatea „POLITEHNICA” din București
<b>Perioada</b>	1992 - 1997
Calificarea / diploma obținută	Inginer Mecanic / Diplomă de INGINER
Disciplinele principale studiate / competențe profesionale dobândite	Mecanică, Rezistență, Organe de Mașini, Termotehnică, Mașini de prelucrat solul, Mașini de Recoltat, Sisteme Hidraulice, Sisteme de Propulsie, Sisteme de automatizare
Numele și tipul instituției de învățământ / furnizorului de formare	Universitatea „POLITEHNICA” din București
<b>Membru al unei Academii din România</b>	Academia de Științe Agricole și Silvice "Gheorghe Ionescu-Șișești" (ASAS) / Membru asociat din 2018
<b>Membru al unei Academii din străinătate</b>	-
<b>Membru al unor organizații științifice sau profesionale</b>	1. <b>SIMAR - Societatea Inginerilor Mecanici Agricoli din România</b> / București / Secretar general / 2010; 2. <b>EurAgEng - European Society of Agricultural Engineers</b> / Belgia / Bruxelles / membru / 2013; 3. <b>CIGR - International Commission of Agricultural and Biosystems Engineering</b> / SUA / Gainesville / membru / 2013; 4. <b>AGIR - Asociația Inginerilor din România</b> / București / membru / 2013.
<b>Membru în Comitetul științific de organizare a unei manifestări științifice</b>	Se vor preciza: perioada, tipul manifestării, instituții organizatoare, unde a avut loc [țara, oraș] – eventual dacă a fost și conducătorul manifestării [principalul organizator] 1. <b>ISB-INMA TEH - International Symposium „AGRICULTURAL AND MECHANICAL ENGINEERING”</b> / 2011-2025 / simpozion internațional / România - București / principal organizator; 2. <b>SIMI - Simpozionul Internațional “Mediul și Industria”</b> / 2018-2024 / simpozion internațional / România – București / membru în Comitetul Științific 3. <b>MCEME - International Scientific and Theoretical Conference "Modeling and Computer Engineering in Mechanical Engineering: Theory, Practice and Innovation"</b> / 2023-2025 / simpozion internațional / Ucraina – Lyov / membru in Editorial board; 4. <b>HERVEX - “The International Conference on Hydraulics, Pneumatics, Sealing Elements, Precision Mechanics, Tools, Specific Electronic Equipment &amp; Mechatronics”</b> / 2016-2025 / simpozion internațional / România – Băile Govora / membru în Comitetul de Program / Organizare / co-organizator; 5. <b>International Symposium "ACTUAL TASKS ON AGRICULTURAL ENGINEERING"</b> / 2016-2025 / simpozion internațional / Croatia – Opatija / membru în Comitetul Științific / co-organizator; 6. <b>EE &amp; AE - International Conference on Energy Efficiency &amp; Agricultural Engineering</b> / 2013-2025 / Conferință internațională / Bulgaria – Ruse (Stare Zagora – 2025) / membru în Comitetul de Program; 7. <b>International Congress of the New Approaches and Technologies for Sustainable Development</b> / 2017-2018 / Congres Internațional / Turcia - Isparta / membru în Comitetul de program;

	<p>8. <b>IWCB - 3RD ASM Workshop of Composting and Biogas Technologies</b> / 2017-2018 / Workshop Internațional / Turcia - Antalia / membru în Comitetul de program;</p> <p>9. <b>ICAE - 4<sup>RD</sup> International Congress of Agriculture and Environment</b> / 2017-2018 / Congres Internațional / Turcia - Antalia / membru în Comitetul de program;</p> <p>10. <b>ECOLOGICA - International Scientific Conference on "ENVIRONMENT AND BIODIVERSITY"</b> / 2012-2019 / Conferință Internațională / Belgrad – Serbia / membru în Comitetul de program;</p> <p>11. <b>TE-RE-RD - International Conference on Thermal Equipment, Renewable Energy and Rural Development</b> / 2016-2021 / membru în Comitetul de organizare / științific / co-organizator;</p> <p>12. <b>Scientific Symposium with International Participation „Sustainable Development in Agriculture and Horticulture</b> / 2016-2021 / Simpozion internațional / România – Craiova / membru în Comitetul Științific;</p> <p>13. <b>International Conference „RESEARCH PEOPLE AND ACTUAL TASKS ON MULTIDISCIPLINARY SCIENCES”</b> / 2007-2019 / Conferință Internațională / Bulgaria - Lozenec, Bulgaria / Membru în Comitetul de organizare/științific / co-organizator;</p> <p>14. <b>ISAE - International Symposium on Agricultural Engineering</b> / 2013 / 2015 / Simpozion Internațional / Serbia – Belgrade/Zemun / Membru în Comitetul Științific;</p> <p>15. <b>IV International Scientific-Practical Conference „INNOVATIVE TECHNOLOGIES IN THE AGRO-INDUSTRIAL COMPLEX</b> / 2014 / Conferință Internațională / Ucraina – Lutsk / Membru în Comitetul de Program.</p>
<p><b>Membru in Colegiul de redacție / referent al unei reviste</b></p>	<p>Se vor preciza: titlul revistei, editura, ISSN, factor de impact al revistei, frecvența de apariție – eventual dacă conduceți chiar dvs. revista</p> <p>1. <b>ACTA TECHNICA CORVINIENSIS - BULLETIN OF ENGINEERING</b>, Editura Universității Politehnica Timișoara, ISSN: 2067-3809, 4 numere/an;</p> <p>2. <b>ANNALS OF FACULTY ENGINEERING HUNEDOARA – INTERNATIONAL JOURNAL OF ENGINEERING</b>, Editura Universității Politehnica Timișoara, ISSN: 2067-3809, 4 numere/an;</p> <p>3. <b>INMATEH - AGRICULTURAL ENGINEERING</b>, Editura INMA București, ISSN: 2068 – 4215, 3 numere/an;</p> <p>4. <b>HUNGARIAN AGRICULTURAL ENGINEERING</b>, Editura Universității Ungare de Agricultură și Științele Vieții – Institutul de Tehnologie, ISSN 2415-9751, 1 număr/an;</p> <p>5. <b>BLACK SEA JOURNAL OF AGRICULTURE</b>, Editura DergiPark AKADEMIK Turcia, ISSN 2618-6578, 6 numere/an;</p> <p>6. <b>"AGRICULTURAL MACHINES" Journal (ACM)</b>, Editura Universității Tehnice Naționale din Lutsk / Ucraina, ISSN 2708-9754, 1 număr/an;</p> <p>7. <b>ANNALS OF THE UNIVERSITY OF CRAIOVA - Agriculture, Montanology, Cadastre Series</b>, Editura Universitaria Craiova, ISSN 1841-8317, 1 număr/an;</p> <p>8. <b>TRACTORS AND POWER MACHINES</b>, Editura SCIENTIFIC SOCIETY OF POWER MACHINES, TRACTORS AND MAINTENANCE Novi Sad / Serbia; ISSN 0354-9496, 4 numere/an;</p> <p>9. <b>ECOLOGICA</b>, Editura SCIENTIFIC AND PROFESSIONAL SOCIETY FOR ENVIRONMENTAL PROTECTION OF SERBIA, ISSN 0354 – 3285, 4 numere/an;</p> <p>10. <b>TECHNOMARKET – Agrotehnica</b>, Editura ArtTech București; ISSN: 2537-3692, 3 numere/an;</p> <p>11. <b>AGRI-INMA - Sustainable Agriculture and Environmental Protection</b>, Editura INMA București, ISSN 3008-4415, 2 numere/an, Editor Executiv;</p> <p>12. <b>AGRICULTURE</b>, Editura MDPI, ISSN: 2077-0472, 12 numere/an;</p> <p>13. <b>Romanian Journal of HORTICULTURE</b>, Editura Societății Române de Horticultură, ISSN: 2734 – 8083; 1 număr/an.</p>
<p><b>PREMII INTERNAZIONALE</b></p>	<p>Se vor preciza: titlul premiului, instituția care a acordat și anul premierii</p> <p>1. Diploma și Medalia de Aur - <b>PNEU ADAPTIV PENTRU ROTI DE REMORCI AGRICOLE</b>, International Exhibition INVEST – INVENT Iași, 19-20 octombrie 2015;</p> <p>2. Diploma și Medalia de Aur - <b>SISTEM DE POZIȚIONARE A OBSTACOLELOR LA TESTAREA REMORCILOR ȘI SEMIREMORCILOR</b>, International Exhibition INVEST – INVENT Iași, 19-20 octombrie 2015;</p> <p>3. Diploma și Medalia de Argint - <b>SISTEM INTEGRAT ȘI PROCEDU DE OBȚINERE EXTRACTE CU ROL BIOFERTILIZATOR / BIOINSECTICID FOLIAR ÎN AGRICULTURA ECOLOGICĂ</b>, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timisoara, 11-13.06.2015;</p> <p>4. Diploma de Excelență - <b>INSTALAȚIE DE BIOGAZ PENTRU MICROFERME AGRICOLE</b>, Salonul INVENTICA, Baia Mare, 28 – 29 mai 2015;</p> <p>5. Diploma și Medalia de Bronz - <b>TAMBUR CU LAME REGLABILE PENTRU DISTRUS RESTURI VEGETALE</b>, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timisoara, 05.2016;</p> <p>6. Diploma și Medalia de Aur - <b>PNEU ADAPTIV PENTRU ROTI DE REMORCI AGRICOLE</b>, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timisoara, 05.2016;</p> <p>7. Diploma de Excelență - <b>DISPOZITIV PENTRU MONTAT CUPLE DE FIXARE MATRIȚE EXTRUDER</b>, National Exhibition of Research and Innovation - UGAL INVENT, Galați, 10.2017;</p> <p>8. Medalia de Argint - <b>SISTEM INTEGRAT ȘI PROCEDU DE OBȚINERE EXTRACTE CU ROL BIOFERTILIZATOR / BIOINSECTICID FOLIAR ÎN AGRICULTURA ECOLOGICĂ</b>, National Exhibition of Research and Innovation - UGAL INVENT, Galați, 10.2017;</p> <p>9. Diploma de Excelență - <b>SISTEM INTEGRAT ȘI PROCEDU DE OBȚINERE EXTRACTE CU ROL BIOFERTILIZATOR / BIOINSECTICID FOLIAR ÎN AGRICULTURA ECOLOGICĂ</b>, National Exhibition of Research and Innovation - UGAL INVENT, Galați, 10.2017;</p> <p>10. Diploma și Medalia de Bronz - <b>DISPOZITIV PENTRU MONTAT CUPLE DE FIXARE MATRIȚE EXTRUDER</b>, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timisoara, 06.2017;</p> <p>11. Diploma și Medalia de Argint - <b>ELEMENT SUPLEMENTAR PENTRU ORGANUL ACTIV TIP DALTĂ AL ECHIPAMENTULUI DE LUCRAT SOLUL</b>, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timisoara, 06.2017;</p> <p>12. Diploma de Excelență - <b>METODĂ PENTRU DETERMINAREA INTENSITĂȚII LINIARE A UZĂRII ORGANULUI ACTIV TIP DALTĂ AL ECHIPAMENTULUI</b>, International Exhibition of Scientific Research, Innovation and Inventions PRO INVENT Cluj-Napoca, Romania, 03.2018;</p>

13. Diploma de Excelență și Medalia de Aur - *ELEMENT SUPPLEMENTAR PENTRU ORGANUL ACTIV TIP DALTA AL ECHIPAMENTULUI DE LUCRAT SOLUL*, International Exhibition of Scientific Research, Innovation and Inventions PRO INVENT Cluj-Napoca, 03.2018;

14. Medalia de Aur - *METODĂ PENTRU DETERMINAREA INTENSITĂȚII LINIARE A UZĂRII ORGANULUI ACTIV TIP DALTA AL ECHIPAMENTULUI*, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timișoara, 06.2018;

15. DIPLOMĂ DE MERIT – PENTRU REZULTATELE DEOSEBITE OBȚINUTE LA SALONUL INTERNAȚIONAL DE INVENȚII DE LA GENEVA, Ministerul Cercetării și Inovării, 4.04.2019;

16. Diploma de Excelență și Medalia INVENTICA – *MODUL PENTRU PRECURĂȚIREA SEMINTELOR DE LEGUME*, XXIII-th International Exhibition of Inventics - INVENTICA Iași, Romania, 06.2019;

17. Diploma de Excelență și Medalia INVENTICA - *ELEMENT SUPPLEMENTAR PENTRU ORGANUL ACTIV TIP DALTA AL ECHIPAMENTULUI DE LUCRAT SOLUL*, XXIII-th International Exhibition of Inventics - INVENTICA Iași, Romania, 06.2019;

18. Diploma de Excelență și Medalia INVENTICA - *METODĂ PENTRU DETERMINAREA INTENSITĂȚII LINIARE A UZĂRII ORGANULUI ACTIV TIP DALTA AL ECHIPAMENTULUI*, XXIII-th International Exhibition of Inventics - INVENTICA Iași, Romania, 06.2019;

19. Diploma de Excelență și Medalia INVENTICA - *ECHIPAMENT PENTRU PLANTAT TUBERCULI DE TOPINAMBUR*, XXIII-th International Exhibition of Inventics - INVENTICA Iași, Romania, 06.2019;

20. Diploma de Excelență și Medalia PRO INVENT – *MODUL PENTRU PRECURĂȚIREA SEMINTELOR DE LEGUME*, International Exhibition of Scientific Research, Innovation and Inventions PRO INVENT Cluj-Napoca, Romania, 03.2019;

21. Diploma de Excelență și Medalia PRO INVENT - *INSTALAȚIE PENTRU PRESARE TULPINI DE SORG*, International Exhibition of Scientific Research, Innovation and Inventions PRO INVENT Cluj-Napoca, Romania, 03.2019;

22. Diploma și Medalia de Bronz - *SORGHUM STEM PRESS*, 11 Edition of European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, 05.2019;

23. Diploma și Medalia de Argint - *SORGHUM – IMPORTANCE AND TECHNOLOGY*, 11 Edition of European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, 05.2019;

24. Medalia de Argint - *SYSTÈME INTÉGRÉ ET PROCÉDÉ D'EXTRACTION AVEC FOLIAIRE BIOFERTILISANT / BIO-INSECTICIDE RÔLE DANS L'AGRICULTURE BIOLOGIQUE*, Salon International des Inventions, Genève, Switzerland, 04.2019;

25. Premiul ARCA (Union of Croatian Inovators) - *INTEGRATED SYSTEM AND EXTRACTION PROCESS WITH FOLIAR BIOFERTILIZER / BIOINSECTICIDE ROLE IN ORGANIC AGRICULTURE*, International Innovation Exhibitions, Geneva, Switzerland, 04.2019;

26. Medalia de Aur - *TEHNOLOGIE DE MUTIPICARE A SEMINȚEI LA SOIUL BREVETAT DE CÂNEPĂ MONOICA SECUIENI - JUBILEU*, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timișoara, 06.2019;

27. Medalia de Aur - *INSTALAȚIE PENTRU PRESARE TULPINI DE SORG*, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timișoara, 06.2019;

28. Medalia de Argint - *ECHIPAMENT PENTRU PLANTAT TUBERCULI DE TOPINAMBUR*, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timișoara, 06.2019;

29. Medalia de Aur - *SORGUL - IMPORTANȚĂ ȘI TEHNOLOGIE*, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timișoara, 06.2019;

30. Medalia de Argint - *SISTEM DE CUPLARE ȘI REGLARE A DISTANȚEI DINTRE VALȚURILE RIFLUIATE ACȚIONATE CU MUȘCHI ARTIFICIALI FLUIDICI*, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timișoara, 06.2019;

31. Asociația „JUSTIN CAPRĂ” - Diploma de Excelență - *SISTEM DE CUPLARE ȘI REGLARE A DISTANȚEI DINTRE VALȚURILE RIFLUIATE ACȚIONATE CU MUȘCHI ARTIFICIALI FLUIDICI*, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timișoara, 06.2019;

32. Medalia de Bronz - *DISPOZITIV SUPPLEMENTAR DE PRESARE COMPOST*, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timișoara, 06.2019;

33. Asociația „JUSTIN CAPRĂ” - Diploma de Excelență – *ECHIPAMENT PENTRU PLANTAT TUBERCULI DE TOPINAMBUR*, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timișoara, 06.2019;

34. Asociația „JUSTIN CAPRĂ” - Diploma de Excelență - *INSTALAȚIE PENTRU PRESARE TULPINI DE SORG*, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timișoara, 06.2019;

35. Diploma și Medalia de Bronz - *SORGUL ZAHARAT: O ALTERNATIVĂ PENTRU AGRICULTURA ROMÂNIEI*, National Exhibition of Research and Innovation - UGAL INVENT, Galați, 16-18.10.2019;

36. Asociația „JUSTIN CAPRĂ” - Diploma de Excelență - *SORGUL ZAHARAT: O ALTERNATIVĂ PENTRU AGRICULTURA ROMÂNIEI*, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timișoara, 06.2019;

37. Diplomă – C2020 – *UN CULTIVAR DE CÂNEPĂ MONOICĂ MARCA SCDA Secuieni*, National Exhibition of Research and Innovation - UGAL INVENT, Galați, 16-18.10.2019;

38. Asociația „JUSTIN CAPRĂ” - Diploma de Excelență - C2020 – *UN CULTIVAR DE CÂNEPĂ MONOICĂ MARCA SCDA Secuieni*, National Exhibition of Research and Innovation - UGAL INVENT, Galați, 16-18.10.2019;

39. Diplomă și Medalia de bronz - *SISTEM DE AGITARE REGLABIL PENTRU RECIPIENTE DE BIOGAZ*, Expoziția Internațională de invenții INFOINVENT Chișinău, 20 – 23.11.2019;

40. Universitatea POLITEHNICA din București – Medalia de Aur & DIPLOMA pentru INVENȚIA - *SISTEM DE AGITARE REGLABIL PENTRU RECIPIENTE DE BIOGAZ*, Expoziția Internațională de invenții INFOINVENT Chișinău, 20 – 23.11.2019;

41. Universitatea POLITEHNICA din București – Medalia de Aur & DIPLOMA pentru INVENȚIA - *INSTALAȚIE FOTOVOLTAICĂ REGLABILĂ*, Expoziția Internațională de invenții INFOINVENT Chișinău, 20 – 23.11.2019;

42. Medalia de Argint - *THE NUTRITIONAL INFLUENCE OF PUMPKIN POWDER USED AS A SOURCE OF BIOACTIVE COMPOUNDS IN BREAD*, International Fair for Innovation in Agriculture, Food Industry and Agricultural Mechanization - Agro ARCA, 25-27 April 2019, Karlovac, Croatia;

43. Medalia de Argint - *THE NUTRITIONAL INFLUENCE OF HELIANTHUS TUBEROSUS FLOUR USED AS A SOURCE OF BIOACTIVE COMPOUNDS IN BREAD*, International Fair for Innovation in Agriculture, Food Industry and Agricultural Mechanization - Agro ARCA, 25-27 April 2019, Karlovac, Croatia;

44. Diploma de Excelență și Medalia INVENTICA – *INDUSTRIAL INSTALLATION FOR WASHING THE JERUSALEM ARTICHOKE*, XXIV-th International Exhibition of Inventics - INVENTICA Iași, Romania, 29-31.07.2020;

45. Diploma de Excelență și Medalia INVENTICA – *ADJUSTABLE PHOTOVOLTAIC INSTALLATION*, XXIV-th International Exhibition of Inventics - INVENTICA Iași, Romania, 29-31.07.2020;

46. Diploma de Excelență și Medalia INVENTICA – *DISTILLATION VESSEL TEMPERATURE UNIFORMITY SYSTEM*, XXIV-th International Exhibition of Inventics - INVENTICA Iași, Romania, 29-31.07.2020;

47. Medalia de Aur – *INSTALAȚIE INDUSTRIALĂ PENTRU SPĂLAREA TOPINAMBURULUI*, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timișoara, 15.10.2020;

48. Medalia de Argint – *ECHIPAMENT DE REALIZAT BRAZDE COMPARTIMENTATE*, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timișoara, 15.10.2020;

49. Medalia de Aur – *SYSTEM FOR INCREASING PERFORMANCE OF A DISTILLATION VESSEL*, IDEA ~ EXPO 2020 IDEA, Novetly, Invention, International Exhibition and Fair, Hódmezővásárhely, Hungary, 31.10.2020;

50. Medalia de Aur - *INDUSTRIAL INSTALLTION FOR WASHING THE JERUSALEM ARTICHOKE*, IDEA ~ EXPO 2020 IDEA, Novetly, Invention, International Exhibition and Fair, Hódmezővásárhely, Hungary, 31.10.2020;

51. Medalia de Aur – *METHODS FOR IMPROVING AGRICULTURAL SOILS CONTAMINATED WITH HEAVY METALS*, IDEA ~ EXPO 2020 IDEA, Novetly, Invention, International Exhibition and Fair, Hódmezővásárhely, Hungary, 31.10.2020;

52. Medalia de Aur – *ADJUSTABLE PHOTOVOLTAIC INSTALLATION*, IDEA ~ EXPO 2020 IDEA, Novetly, Invention, International Exhibition and Fair, Hódmezővásárhely, Hungary, 31.10.2020;

53. Medalia de Argint – *METHOD FOR THE ADVANCED TREATMENT OF LIVESTOCK WASTEWATER*, Perus Interenational Engineering Invention & Innovation Exhibition [Pi-ENVEX] 2020, 18-21 May, University Malaysia Perus, Malaysia;

54. Diploma de Excelență și MEDALIA DE AUR – *SISTEM DE CREȘTERE A PERFORMANTELOR UNUI VAS DE DISTILARE*, International Exhibition of Scientific Research, Innovation and Inventions PRO INVENT Cluj-Napoca, Ediția XVIII, 18-20.11.2020, România;

55. Diploma de Excelență și MEDALIA DE AUR – *ECHIPAMENT DE REALIZAT BRAZDE COMPARTIMENTATE*, International Exhibition of Scientific Research, Innovation and Inventions PRO INVENT Cluj-Napoca, Ediția XVIII, 18-20.11.2020, România;

56. Diploma de Excelență și MEDALIA DE AUR – *METODĂ DE ÎMBUNĂȚĂȚIRE A SOLURILOR AGRICOLE CONTAMINATE CU METALE GRELE*, International Exhibition of Scientific Research, Innovation and Inventions PRO INVENT Cluj-Napoca, Ediția XVIII, 18-20.11.2020, România;

57. Diploma de Excelență și MEDALIA DE AUR – *INSTALAȚIE INDUSTRIALĂ PENTRU SPĂLAREA TOPINAMBURULUI*, International Exhibition of Scientific Research, Innovation and Inventions PRO INVENT Cluj-Napoca, Ediția XVIII, 18-20.11.2020, România;

58. Diploma și MEDALIA DE AUR – *METHOD FOR IMPROVING AGRICULTURAL SOILS CONTAMINATED WITH HEAVY METALS*, International Exhibition INVENTCOR, Deva, 2020, România;

59. Diploma și MEDALIA DE ARGINT – *NOVEL TECHNOLOGIES USED FOR INCREASING THE PERFORMANCES OF COMPOSTING WASTES AND BY-PRODUCTS RESULTED FROM AGRICULTURE*, International Exhibition INVENTCOR, Deva, 2020, România;

60. Diploma și MEDALIA DE ARGINT – *NOVEL TECHNOLOGIES FOR OBTAINING BIOETHANOL FROM ENERGY PLANTS AND FRUIT WASTES*, International Exhibition INVENTCOR, Deva, 2020, România;

61. Diploma și Medalia de Aur - *NOVEL TECHNOLOGIES USED FOR INCREASING THE PERFORMANCES OF COMPOSTING WASTES AND BY-PRODUCTS RESULTED FROM AGRICULTURE*, 13 Edition of European Exhibition of Creativity and Innovation - EURO INVENT, Iași, ONLINE 22.05.2021;

62. Diploma și Medalia de Aur – *INDUSTRIAL PLANT FOR JERUSALEM ARTICHOKE WASHING*, 13 Edition of European Exhibition of Creativity and Innovation - EURO INVENT, Iași, ONLINE 22.05.2021;

63. Diploma și Medalia de Argint – *ECOLOGICAL CULTIVATION TECHNOLOGY FOR CERTIFIED 1 SEED PRODUCTION AT MONOECIOUS HEMP VARIETISE PATENTED BY ARDS SECUIENI*, 13 Edition of European Exhibition of Creativity and Innovation - EURO INVENT, Iași, ONLINE 22.05.2021;

64. Diploma și Medalia de Argint – *CULTIVATION TECHNOLOGY AND INDUSTRIAL POTENTIAL FOR CAPITALIZATION AT THE ROMANIAN GENOTYPES OF MONOECIOUS HEMP FOR SEED, REGISTERED IN THE EUROPEAN CATALOGUE OF PLANT VARIETIES*, 13 Edition of European Exhibition of Creativity and Innovation - EURO INVENT, Iași, ONLINE 22.05.2021;

65. Diploma și Medalia de Argint – *ADVANCED TREATMENT PROCESS OF WASTEWATER FROM LIVESTOCK FARMS* – EpurAgroTech/EchO, 13 Edition of European Exhibition of Creativity and Innovation - EURO INVENT, Iași, ONLINE 22.05.2021;

66. Diploma de Excelență – *SWEET SORGHUM: AN ALTERNATIVE FOR ROAMANIAN AGRICULTURE*, 13 Edition of European Exhibition of Creativity and Innovation - EURO INVENT, Iași, ONLINE 22.05.2021;

67. Diploma de Excelență „EUROINVENT BOOK SALON” – *BAZELE AGROBIOLOGICE ALE CULTURII DE FASOLE MARE (Phaseolus coccineus L.)*, 13 Edition of European Exhibition of Creativity and Innovation - EURO INVENT, Iași, 22.05.2021;

68. Diploma de Excelență și Medalia de Aur – *NOVEL TECHNOLOGIES FOR OBTAINING BIOETHANOL FROM ENERGY PLANTS AND FRUIT WASTES*, XXV-th International Exhibition of Inventics - INVENTICA Iași, Romania, 23-25 June 2021;

69. Diploma de Excelență și Medalia de Argint – *EQUIPMENT FOR MAKING INTERRUPTED FURROWS*, XXV-th International Exhibition of Inventics - INVENTICA Iași, Romania, 23-25 June 2021;

70. Diploma de Excelență și Medalia de Argint – *METHODS FOR IMPROVING AGRICULTURAL SOILS CONTAMINATED WITH HEAVY METALS*, XXV-th International Exhibition of Inventics - INVENTICA Iași, Romania, 23-25 June 2021;

	<p>71. Medalia de Aur – <i>EQUIPMENT FOR MAKING INTERRUPTED FURROWS</i>, IDEA ~ EXPO 2021 IDEA, Novetty, Invention, International Exhibition and Fair, Hódmezővásárhely, Hungary, 17-18.09.2021;</p> <p>72. Medalia de Aur – <i>METHODS FOR IMPROVING AGRICULTURAL SOILS CONTAMINATED WITH HEAVY METALS</i>, IDEA ~ EXPO 2021 IDEA, Novetty, Invention, International Exhibition and Fair, Hódmezővásárhely, Hungary, 17-18.09.2021</p> <p>73. Medalia de Aur – <i>NOVEL TECHNOLOGIES FOR OBTAINING BIOETHANOL FROM ENERGY PLANTS AND FRUIT WASTES</i>, IDEA ~ EXPO 2021 IDEA, Novetty, Invention, International Exhibition and Fair, Hódmezővásárhely, Hungary, 17-18.09.2021;</p> <p>74. Medalia de Aur – <i>NOVEL TECHNOLOGIES USED FOR INCREASING THE PERFORMANCES OF COMPOSTING WASTES AND BY-PRODUCTS RESULTED FROM AGRICULTURE</i>, IDEA ~ EXPO 2021 IDEA, Novetty, Invention, International Exhibition and Fair, Hódmezővásárhely, Hungary, 17-18.09.2021;</p> <p>75. Certificat de Apreciere – <i>Vlăduț V.</i>, IDEA ~ EXPO 2021 IDEA, Novetty, Invention, International Exhibition and Fair, Hódmezővásárhely, Hungary, 17-18.09.2021;</p> <p>76. Medalia de Aur – <i>SISTEM DE CREȘTERE A PERFORMANȚELOR UNUI VAS DE DISTILARE</i>, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timișoara, 14.10.2021;</p> <p>77. Medalia de Aur – <i>TEHNOLOGIE ȘI ECHIPAMENT DE MONITORIZARE ACTIVĂ ȘI COLECTARE A DEȘEURILOR DIN PLASTIC DIN SISTEME ACVACOLE AFLATE ÎN AER LIBER</i>, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timișoara, 14.10.2021;</p> <p>78. Medalia de Aur – <i>METODĂ DE ÎMBUNĂȚĂȚIRE A SOLURILOR AGRICOLE CONTAMINATE CU METALE GRELE</i>, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timișoara, 14.10.2021;</p> <p>79. Medalie de Aur – <i>INSTALAȚIE FOTOVOLTAICĂ REGLABILĂ</i>, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timișoara, 14.10.2021;</p> <p>80. Medalie de Argint – <i>TEHNOLOGIE DE CREȘTERE SEMIINTENSIVĂ A SPECIILOR PISCICOLE ÎN REGIM DE POLICULTURĂ</i>, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timișoara, 14.10.2021;</p> <p>81. Medalie de Bronz – <i>OBȚINEREA DE BIOETANOL DIN PLANTE ENERGETICE ȘI DEȘEURI DIN FRUCTE</i>, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timișoara, 14.10.2021;</p> <p>82. Medalie de Bronz – <i>TEHNOLOGII NOI UTILIZATE ÎN VEDEREA VALORIFICĂRII LA EFICIENȚĂ CRESCUTĂ A UNOR DEȘEURI ȘI SUPRODUSE REZULTATE DIN AGRICULTURĂ, SUB FORMĂ DE COMPOST</i>, International Exhibition of Inventions and Innovations "TRAIAN VUIA", Timișoara, 14.10.2021;</p> <p>83. Diploma de Excență și MEDALIA de Argint – <i>ELEMENT SPIRĂ PENTRU SITĂ CILINDRICĂ</i>, International Exhibition of Scientific Research, Innovation and Inventions PRO INVENT Cluj-Napoca, Ediția XIX, 20-22.10.2021, România;</p> <p>84. Diploma &amp; Medalia de Aur – <i>COIL ELEMENT FOR CYLINDRICAL SIEVE</i>, International Exhibition INVENTCOR, II<sup>nd</sup> edition, 16-18.12.2021, Deva, România;</p> <p>85. Diploma &amp; Medalia de Aur – <i>TECHNOLOGY AND EQUIPMENT FOR ACTIVE MONITORING AND COLLECTION OF PLASTIC WASTE FROM OUTDOOR ACVACOLE SYSTEMS</i>, International Exhibition INVENTCOR, II<sup>nd</sup> edition, 16-18.12.2021, Deva, România;</p> <p>86. Diploma &amp; Medalia de Aur – <i>INDUSTRIAL PLANT FOR WASHING JERUSALEM ARTICHOKE</i>, International Exhibition INVENTCOR, II<sup>nd</sup> edition, 16-18.12.2021, Deva, România;</p> <p>87. Diploma &amp; Medalia de Aur – <i>EQUIPMENT FOR MAKING INTERRUPTED FURROWS</i>, International Exhibition INVENTCOR, II<sup>nd</sup> edition, 16-18.12.2021, Deva, România;</p> <p>88. Diploma &amp; Medalia de Aur – <i>ADJUSTABLE PHOTOVOLTAIC INSTALLATION</i>, International Exhibition INVENTCOR, II<sup>nd</sup> edition, 16-18.12.2021, Deva, România;</p> <p>89. Diploma &amp; Medalia de Aur – <i>TEHNOLOGIE ȘI ECHIPAMENT DE MONITORIZARE ACTIVĂ ȘI COLECTARE A DEȘEURILOR DIN PLASTIC DIN SISTEME ACVACOLE AFLATE ÎN AER LIBER</i>, UGAL INVENT - SALONUL INOVĂRII ȘI CERCETĂRII, 10-12 Noiembrie 2021, Galați – România;</p> <p>90. Diploma &amp; Medalia de Aur – <i>COIL ELEMENT FOR CYLINDRICAL SIEVE</i>, EIS (Expoziția Internațională Specializată) „INFOINVENT”, 17-20.11.2021, Chișinău, Rep. Moldova;</p> <p>91. Diploma &amp; Medalia de Argint – <i>TECHNOLOGICAL SYSTEM FOR INTENSIVE FISH BREEDING IN POLY CULTURE REGIME</i>, EIS (Expoziția Internațională Specializată) „INFOINVENT”, 17-20.11.2021, Chișinău, Rep. Moldova;</p> <p>92. Diploma &amp; Medalia de Bronz – <i>NOVEL TECHNOLOGIES USED FOR INCREASING THE PERFORMANCES OF COMPOSTING WASTES AND BY-PRODUCTS RESULTED FROM AGRICULTURE</i>, EIS (Expoziția Internațională Specializată) „INFOINVENT”, 17-20.11.2021, Chișinău, Rep. Moldova;</p> <p>93. Diploma și Medalia de Aur – <i>INDUSTRIAL PLANT FOR JERUSALEM ARTICHOKE WASHING</i>, SIR INVENT INVEST, Iași, Ed. XII-a, 10.12.2021;</p> <p>94. Diploma și Medalia de Argint – <i>COIL ELEMENT FOR CYLINDRICAL SIEVE</i>, SIR INVENT INVEST, Iași, Ed. XII-a, 10.12.2021;</p> <p>95. Diploma și Medalia de Argint – <i>TECHNOLOGY AND EQUIPMENT FOR ACTIVE MONITORING AND COLLECTION OF PLASTIC WASTE FROM OUTDOOR ACVACOLE SYSTEMS</i>, SIR INVENT INVEST, Iași, Ed. XII-a, 10.12.2021;</p> <p>96. Diploma și Medalia de Argint – <i>SYSTEM FOR INCREASING THE PERFORMANCE OF A DISTILLATION VESSEL</i>, SIR INVENT INVEST, Iași, Ed. XII-a, 10.12.2021;</p> <p>97. Diploma și PREMIUL pentru Inovare în Piscicultură al Târgului Internațional de invenții și idei practice INVENT – INVEST, <i>TECHNOLOGICAL SYSTEM FOR INTENSIVE FISH BREEDING IN POLY CULTURE REGIME</i>, SIR INVENT INVEST, Iași, Ed. XII-a, 10.12.2021;</p> <p>98. Diploma &amp; Medalia de Aur – <i>TECHNOLOGY AND EQUIPMENT FOR ACTIVE MONITORING AND COLLECTION OF PLASTIC WASTE FROM OUTDOOR ACVACOLE SYSTEMS</i>, EUROINVENT, Iași, Ed. XIV-a, 28.05.2022;</p> <p>99. Diploma &amp; Medalia de Aur – <i>TECHNOLOGICAL SYSTEM FOR INTENSIVE FISH BREEDING IN POLY CULTURE REGIME</i>, EUROINVENT, Iași, Ed. XIV-a, 28.05.2022;</p>
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100. Diploma de Excelență – *COIL ELEMENT CYLINDRICAL SIEVE*, EUROINVENT, Iași, Ed. XIV-a, 28.05.2022;

101. Diploma & Medalia de Aur – *SORGUL – TEHNOLOGII INOVATIVE DE CULTIVARE ȘI VALORIFICARE*, EUROINVENT BOOK SALON, Iași, Ed. XIV-a, 28.05.2022;

102. Diploma & Medalia de Argint – *CÂNEPA (Cannabis sativa L.) – De la cultivare la valorificare*, EUROINVENT BOOK SALON, Iași, Ed. XIV-a, 28.05.2022;

103. Juliana Dy Award pentru *PhD. Eng. Valentin Nicolae VLĂDUȚ*, General Manager INMA – IDEA 2022, International Exhibition (Idea-Novetly-invention), Szolnok, Hungary, 11.06.2022;

104. Medalia de Aur – *TECHNOLOGIES FOR BIOHUMUS (VERMICOMPOST) PRODUCTION AND LOOSENING*, IDEA 2022, International Exhibition (Idea-Novetly-invention), Szolnok, Hungary, 11.06.2022;

105. Medalia de Aur – *COIL ELEMENT FOR CYLINDRICAL SIEVE*, IDEA 2022, International Exhibition (Idea-Novetly-invention), Szolnok, Hungary, 11.06.2022;

106. Medalia de Aur – *HEMP SEED CONDITIONING EQUIPMENT*, IDEA 2022, International Exhibition (Idea-Novetly-invention), Szolnok, Hungary, 11.06.2022;

107. Medalia de Aur – *TECHNOLOGY AND EQUIPMENT FOR ACTIVE MONITORING AND COLLECTION OF PLATIC WASTE FROM OUTDOOR ACVACOLE SYSTEMS*, IDEA 2022, International Exhibition (Idea-Novetly-invention), Szolnok, Hungary, 11.06.2022;

108. Medalia de Aur – *INTELLIGENT TECHNOLOGICAL SYSTEM FOR INTENSIVE FISH BREEDING IN POLYCULTURE SYSTEM - ICP*, IDEA 2022, International Exhibition (Idea-Novetly-invention), Szolnok, Hungary, 11.06.2022;

109. Medalia de Aur – *INSTALLATION FOR TABLETIZATION OF LIGNOCELLULOSE WASTE- ICP*, IDEA 2022, International Exhibition (Idea-Novetly-invention), Szolnok, Hungary, 11.06.2022;

110. Medalia de Aur – *TEHNOLOGII DE PRODUCERE ȘI AFÂNARE A BIOHUMUSULUI (VERMICOMPOST)*, The XXIV<sup>th</sup> International Exhibition of INVENTICS - INVENTICA 2022, Iași, Romania, 22-24.06.2022;

111. Medalia de Aur – *ELEMENT SPIRĂ PENTRU SITĂ CILINDRICĂ*, The XXIV<sup>th</sup> International Exhibition of INVENTICS - INVENTICA 2022, Iași, Romania, 22-24.06.2022;

112. Medalia de Aur – *TECHNOLOGY AND EQUIPMENT FOR ACTIVE MONITORING AND COLLECTION OF PLATIC WASTE FROM OUTDOOR ACVACOLE SYSTEMS*, The XXIV<sup>th</sup> International Exhibition of INVENTICS - INVENTICA 2022, Iași, Romania, 22-24.06.2022;

113. Medalia de Bronz – *SISTEM TEHNOLOGIC DE CREȘTERE INTENSIVĂ A PEȘTELOR ÎN REGIM DE POLICULTURĂ*, The XXIV<sup>th</sup> International Exhibition of INVENTICS - INVENTICA 2022, Iași, Romania, 22-24.06.2022;

114. ASOCIAȚIA Justin Capră - DIPLOMA pentru invenția „*ELEMENT SPIRĂ PENTRU SITĂ CILINDRICĂ*”, The XXIV<sup>th</sup> International Exhibition of INVENTICS - INVENTICA 2022, Iași, Romania, 22-24.06.2022;

115. ASOCIAȚIA Justin Capră - DIPLOMA pentru lucrarea „*TEHNOLOGII DE PRODUCERE ȘI AFÂNARE A BIOHUMUSULUI (VERMICOMPOST)*”, The XXIV<sup>th</sup> International Exhibition of INVENTICS - INVENTICA 2022, Iași, Romania, 23.06.2022;

116. ASOCIAȚIA Justin Capră - DIPLOMA pentru invenția „*TECHNOLOGY AND EQUIPMENT FOR ACTIVE MONITORING AND COLLECTION OF PLATIC WASTE FROM OUTDOOR ACVACOLE SYSTEMS*”, The XXIV<sup>th</sup> International Exhibition of INVENTICS - INVENTICA 2022, Iași, Romania, 23.06.2022;

117. ASOCIAȚIA Justin Capră - DIPLOMA pentru invenția „*SISTEM TEHNOLOGIC DE CREȘTERE INTENSIVĂ A PEȘTELOR ÎN REGIM DE POLICULTURĂ*”, The XXIV<sup>th</sup> International Exhibition of INVENTICS - INVENTICA 2022, Iași, Romania, 23.06.2022;

118. Diploma de Excelență și Medalia de Aur - *APARAT DE TĂIERE PENTRU TULPINI DE CÂNEPĂ DE DIMENSIUNI MARI*, Salonul Internațional al Cercetării Științifice, Inovării și Invenției „PRO INVENT” Ediția XX, 26-28 octombrie 2022, Cluj-Napoca;

119. Diploma de Excelență și Medalia de Aur - *SISTEM AUTOMATIZAT ȘI INDEPENDENT ENERGETIC DE AERARE PENTRU BAZINELE ACVACOLE*, Salonul Internațional al Cercetării Științifice, Inovării și Invenției „PRO INVENT” Ediția XX, 26-28 octombrie 2022, Cluj-Napoca;

120. Diploma de Excelență și Medalia de Aur – *RAMPĂ DE UDARE MOBILĂ UNIVERSALĂ*, Salonul Internațional al Cercetării Științifice, Inovării și Invenției „PRO INVENT” Ediția XX, 26-28 octombrie 2022, Cluj-Napoca;

121. Premiu de Excelență acordat *PhD. Eng. Valentin Nicolae VLĂDUȚ* – INMA Bucharest – IDEA Club 13 Association, International Exhibition (Idea-Novetly-invention), Abony, Hungary, 25.09.2022;

122. Medalia de Aur – *CUTTING APPARATUS FOR LARGE HEMP STEMS*, IDEA -2022 Abony (IDEA, Novetly, Invention and craft) - International Exhibition, Hungary, Abony, 25.09.2022;

123. Medalia de Aur – *AUTOMATED AND ENERGY INDEPENDENT VENTILATION SYSTEM FOR AQUATIC POOLS*, IDEA -2022 Abony (IDEA, Novetly, Invention and craft) - International Exhibition, Hungary, Abony, 25.09.2022;

124. Medalia de Aur – *FISH FEED PELLETIZER WITH INTEGRATED SPRAYING KIT FOR ADDED INGREDIENTS*, IDEA -2022 Abony (IDEA, Novetly, Invention and craft) - International Exhibition, Hungary, Abony, 25.09.2022;

125. Diploma & Medalia de AUR – *APARAT DE TĂIERE PENTRU TULPINI DE CÂNEPĂ DE DIMENSIUNI MARI*, Salonul Internațional de INVENȚII și INOVAȚII "TRAIAN VUIA", Timișoara, 10.10.2022;

126. Diploma & Medalia de AUR – *INSTALAȚIE PENTRU TABLETIZAREA DEȘEURILOR LIGON-CELULOZICE*, Salonul Internațional de INVENȚII și INOVAȚII "TRAIAN VUIA", Timișoara, 10.10.2022;

127. Diploma & Medalia de BRONZ – *ECHIPAMENT PENTRU CONDIȚIONAREA SEMINȚELOR DE CÂNEPĂ*, Salonul Internațional de INVENȚII și INOVAȚII "TRAIAN VUIA", Timișoara, 10.10.2022;

128. Diploma & Medalia de Aur – *FISH FEED PELLETIZER WITH INTEGRATED SPRAYING KIT FOR ADDED INGREDIENTS*, International Exhibition INVENTCOR, 3<sup>rd</sup> edition, 15-17.12.2022, Deva, Romania;

129. Diploma & Medalia de Aur – *CUTTING APPARATUS FOR LARGE HEMP STEMS*, International Exhibition INVENTCOR, 3<sup>rd</sup> edition, 15-17.12.2022, Deva, Romania;

130. Diploma & Medalia de Aur – *AUTOMATED AND ENERGY INDEPENDENT VENTILATION SYSTEM FOR AQUATIC POOLS*, International Exhibition INVENTCOR, 3<sup>rd</sup> edition, 15-17.12.2022, Deva, Romania;

131. Diploma & Medalia de Aur – *HEMP SEED CONDITIONING EQUIPMENT*, International Exhibition INVENTCOR, 3<sup>rd</sup> edition, 15-17.12.2022, Deva, Romania;

132. PREMIU SPECIAL (U.P. Timișoara) - *INSTALAȚIE PENTRU TABLETIZAREA DEȘEURILOR LIGNO-CELULOZICE*, 27th International Exhibition of Inventions „INVENTICA 2023”, Iași, Romania, 21-23 June 2023;

133. DIPLOMA / Certificate of excellence (Asociația Corneliu Group) pentru invenția - *CUTTING APPARATUS FOR LARGE HEMP STEMS*, 27th International Exhibition of Inventions „INVENTICA 2023”, Iași, Romania, 21-23 June 2023;

134. Diploma de Excelență și Medalia de Aur (U.T. Cluj) - *HEMP SEED CONSTITUTIONING EQUIPMENT*, 27th International Exhibition of Inventions „INVENTICA 2023”, Iași, Romania, 21-23 June 2023;

135. Diploma de Excelență și Medalia de Argint - *CUTTING APPARATUS FOR LARGE HEMP STEMS*, 27th International Exhibition of Inventions „INVENTICA 2023”, Iași, Romania, 21-23 June 2023;

136. Diploma de Onoare și Medalia de Aur - *HEMP SEED CONSTITUTIONING EQUIPMENT*, 27th International Exhibition of Inventions „INVENTICA 2023”, Iași, Romania, 21-23 June 2023;

137. Certificat de Excelență acordat *PhD. Eng. Valentin Nicolae VLĂDUȚ (INMA Bucharest)* - IDEA Club 13 Association, International Exhibition (Idea-Novetly-invention), Abony, Hungary, 25.06.2023;

138. Diploma și Medalia de Aur - *AUTOMATED AND ENERGY INDEPENDENT VENTILATION SYSTEM FOR AQUATIC POOLS*, 15 Edition European Exhibition of Creativity Innovation „EUROINVENT”, Iași, Romania, 13 May 2023;

139. Diploma și Medalia de Bronz - *INSTALLATION FOR TABLETING LIGON-CELLULOSIC WASTE*, 15 Edition European Exhibition of Creativity Innovation „EUROINVENT”, Iași, Romania, 13 May 2023;

140. Diploma și Medalia de Excelență în Inovație - *HEMP SEED CONDITIONING EQUIPMENT*, 15 Edition European Exhibition of Creativity Innovation „EUROINVENT”, Iași, Romania, 13 May 2023;

141. Diploma de Excelență (ICPE-CA) - *INSTALLATION FOR TABLETING LIGON-CELLULOSIC WASTE*, 15 Edition European Exhibition of Creativity Innovation „EUROINVENT”, Iași, Romania, 13 May 2023;

142. Certificat de Excelență (UP Timișoara - CITT) - *INSTALLATION FOR TABLETING LIGON-CELLULOSIC WASTE*, 15 Edition European Exhibition of Creativity Innovation „EUROINVENT”, Iași, Romania, 13 May 2023;

143. Diploma și Medalia de Argint (EUROINVENT BOOK SALON) - *BAZELE AGROBIOLOGICE ALE CULTURII DE FASOLE MARE (PHASOLEUS COCCINEUS L.)*, 15 Edition European Exhibition of Creativity Innovation „EUROINVENT”, Iași, Romania, 13 May 2023;

144. Diploma & Medalia de Aur - *METHOD FOR DETERMINING THE SEEDING ACCURACY OF GRASS PLANT SEEDERS*, International Exhibition INVENTCOR, 4th edition, 14-16.09.2023, Deva, Romania;

145. Diploma & Medalia de Aur - *ECO-INNOVATIVE TECHNOLOGY THAT PERFORMS THE BASIC SOIL WORK IN VEGETABLE CROPS WITH TECHNICAL EQUIPMENT PROVIDED WITH CURVED PROFILED SLITTERS*, International Exhibition INVENTCOR, 4th edition, 14-16.09.2023, Deva, Romania;

146. Diploma & Medalia de Aur - *INSTALLATION FOR TABLETING LIGON-CELLULOSIC WASTE*, International Exhibition INVENTCOR, 4th edition, 14-16.09.2023, Deva, Romania;

147. Certificat de Excelență - *Nicolae-Valentin VLĂDUȚ (General Manager)*, International Exhibition INVENTCOR, 4th edition, 14-16.09.2023, Deva, Romania;

148. CERTIFICAT pentru CONTRIBUȚIA LA INOVAȚIE (TECHNOFEST INSTITUTE OF TECHNOLOGY - Belgium & INVENTARIUM SCIENCE - Portugal) - *INSTALLATION FOR TABLETING LIGON-CELLULOSIC WASTE*, International Exhibition INVENTCOR, 4th edition, 14-16.09.2023, Deva, Romania;

149. Diplomă de Excelență și Medalia de AUR - *METODĂ DE SIMULARE A COMPACTĂRII BIOMASEI SUB FORMĂ DE PELETE*, Salonul Internațional al Cercetării Științifice, Inovării și Invenției „PRO INVENT” Cluj-Napoca, 25-27.10.2023;

150. Diplomă de Excelență și Medalia de AUR - *ECHIPAMENT DE LABORATOR PENTRU PRODUCȚIE BIOCHAR DIN RESTURI VEGETALE*, Salonul Internațional al Cercetării Științifice, Inovării și Invenției „PRO INVENT” Cluj-Napoca, 25-27.10.2023;

151. Diplomă de Excelență și Medalia PRO INVENT - *ECHIPAMENT PENTRU CONDIȚIONAREA SEMINTELOR DE CÂNEPĂ*, Salonul Internațional al Cercetării Științifice, Inovării și Invenției „PRO INVENT” Cluj-Napoca, 25-27.10.2023;

152. Diplomă de Excelență și Medalia PRO INVENT - *PELETIZATOR FURAJE PISCICOLE CU KIT INTEGRAT DE ADITIVARE PRIN PULVERIZARE*, Salonul Internațional al Cercetării Științifice, Inovării și Invenției „PRO INVENT” Cluj-Napoca, 25-27.10.2023;

153. Medalia de aur - *SEPARATOR DE PARTICULE CU FLUX RADIAL PENTRU SISTEMELE ACVAPONICE*, Salonul Inovării și Cercetării - UGAL INVENT, Galați, 9-10.11.2023;

154. Medalia de aur - *ECHIPAMENT PENTRU RECOLTAREA CÂNEPII*, Salonul Inovării și Cercetării - UGAL INVENT, Galați, 9-10.11.2023;

155. Medalia de aur - *ECHIPAMENT DE LABORATOR PENTRU PRODUCȚIE DE BIOCHAR DIN RESTURI VEGETALE*, Salonul Inovării și Cercetării - UGAL INVENT, Galați, 9-10.11.2023;

156. Medalia de bronz - *SISTEM AUTOMATIZAT ȘI INDEPENDENT ENERGETIC DE AERARE PENTRU BAZINELE ACVACOLE*, Salonul Inovării și Cercetării - UGAL INVENT, Galați, 9-10.11.2023;

157. Medalia de argint - *EFICIENȚA ECONOMICĂ A UNOR CEREALE SUB INFLUENȚA SCHIMBĂRIILOR CLIMATICE ÎN ZONA CENTRALĂ A MOLDOVEI*, Salonul Inovării și Cercetării - UGAL INVENT, Galați, 9-10.11.2023;

158. Medalia de aur - *JERUSALEM ARTICHOKE - REVALUATION AS BIOMASS SOURCES FOR FOOD AND ENERGY PRODUCTS AND BY-PRODUCTS*, Salonul Inovării și Cercetării - UGAL INVENT, Galați, 9-10.11.2023;

159. Diploma / CERTIFICAT de EXCELENȚĂ - *SISTEM TEHNOLOGIC PENTRU PRODUCEREA FURAJELOR GRANULATE BIO PENTRU PĂSĂRI*, Salonul Inovării și Cercetării - UGAL INVENT, Galați, 9-10.11.2023;

160. Diploma & Medalia de Aur - *ECHIPAMENT DE MONITORIZARE A COLECTĂRII, TOCĂRII ȘI AMBALĂRII DEȘEURILOR DIN PLASTIC DIN MEDIUL MARIN ȘI DE PE SUPRAFAȚA LACURILOR*, Expoziția Internațională Specializată „INFOINVENT”, 22-24.11.2023, Chișinău, Rep. Moldova;

161. Diploma & Medalia de Aur - *ECHIPAMENT DE LABORATOR PENTRU PRODUCȚIE BIOCHAR DIN RESTURI VEGETALE*, Expoziția Internațională Specializată „INFOINVENT”, 22-24.11.2023, Chișinău, Rep. Moldova;

162. Diploma & Medalia de Argint - *SISTEME INTELIGENTE DE MONITORIZARE A CULTURILOR AGRICOLE*, Expoziția Internațională Specializată „INFOINVENT”, 22-24.11.2023, Chișinău, Rep. Moldova;



**163.** Diploma & Medalia de Argint – *SISTEM TEHNOLOGIC PENTRU PRODUCEREA FURAJELOR GRANULATE BIO PENTRU PĂȘĂRI*, Expoziția Internațională Specializată „INFOINVENT”, 22-24.11.2023, Chișinău, Rep. Moldova;

**164.** Diploma & Medalia de Bronz – *ECHIPAMENT MOBIL PENTRU PELETIZAREA BIOMASEI AGRICOLE*, EIS (Expoziția Internațională Specializată) „INFOINVENT”, 17-20.11.2021, Chișinău, Rep. Moldova;

**165.** Diploma & Medalia de Bronz – *MODUL CONTAINERIZAT DE FERMĂ URBANĂ MODULARĂ*, EIS (Expoziția Internațională Specializată) „INFOINVENT”, 17-20.11.2021, Chișinău, Rep. Moldova;

**166.** Diploma & Medalia de Bronz – *SEPARATOR DE PARTICULE CU FLUX RADIAL PNTRU SISTEMELE ACVAPONICE*, EIS (Expoziția Internațională Specializată) „INFOINVENT”, 17-20.11.2023, Chișinău, Rep. Moldova;

**167.** Diploma & Medalia de aur – *METHOD FOR SIMULATING BIOMASS COMPACTION IN THE FORM OF PELLETS*, International Exhibition INVENTCOR, 5<sup>th</sup> edition, 4-6.04.2024, Deva, Romania;

**168.** Diploma & Medalia de Aur – *LABORATORY EQUIPMENT FOR BIOCHAR PRODUCTION FROM VEGETABLE REMAINS*, International Exhibition INVENTCOR, 5<sup>th</sup> edition, 4-6.04.2024, Deva, Romania;

**169.** Diploma & Medalia de Aur – *MODULAR URBAN FARM CONTAINER MODULE*, International Exhibition INVENTCOR, 5<sup>th</sup> edition, 4-6.04.2024, Deva, Romania;

**170.** Diploma & Medalia de Aur – *MOBILE EQUIPMENT FOR PELLETING AGRICULTURAL BIOMASS*, International Exhibition INVENTCOR, 5<sup>th</sup> edition, 4-6.04.2024, Deva, Romania;

**171.** Diploma & Medalia de Aur – *INTELLIGENT SYSTEM FOR APPLICATION OF PHYTOSANITARY TREATMENTS AND MONITORING OF PRODUCTION IN GREENHOUSES*, International Exhibition INVENTCOR, 5<sup>th</sup> edition, 4-6.04.2024, Deva, Romania;

**172.** Diploma & Medalia de Aur – *DIGITAL SYSTEM AND METHOD FOR MONITORING PESTS IN FRUIT CROPS USING SMART PHEROMONE TRAPS AND WEATHER STATIONS*, International Exhibition INVENTCOR, 5<sup>th</sup> edition, 4-6.04.2024, Deva, Romania;

**173.** Diploma & Medalia de Aur – *EQUIPMENT FOR MONITORING COLLECTION, CROPPING AND PACKAGING OF MARINE AND LAKE SURFACE PLASTIC WASTE*, International Exhibition INVENTCOR, 5<sup>th</sup> edition, 4-6.04.2024, Deva, Romania;

**174.** OSIM - Premiu de Excelență pentru invenția: „*LABORATORY EQUIPMENT FOR BIOCHAR PRODUCTION FROM VEGETABLE REMAINS*”, SALONUL NAȚIONAL INVENTCOR 2024, Ediția a V-a, Deva, 4-6.04.2024;

**175.** Medalia de Aur – *LABORATORY EQUIPMENT FOR BIOCHAR PRODUCTION FROM VEGETABLE REMAINS*, IDEA ~ EXPO 2024 IDEA, Novetly, Invention, International Exhibition and Fair, Makö, Hungary, 27.04.2024;

**176.** Medalia de Aur – *FLOW PARTICLE SEPARATOR FOR AQUAPONIC SYSTEMS*, IDEA ~ EXPO 2024 IDEA, Novetly, Invention, International Exhibition and Fair, Makö, Hungary, 27.04.2024;

**177.** Medalia de Aur – *MODULAR URBAN FARM CONTAINER MODULE*, IDEA ~ EXPO 2024 IDEA, Novetly, Invention, International Exhibition and Fair, Makö, Hungary, 27.04.2024;

**178.** Medalia de Aur – *MOBILE EQUIPMENT FOR PELLETING AGRICULTURAL BIOMASS*, IDEA ~ EXPO 2024 IDEA, Novetly, Invention, International Exhibition and Fair, Makö, Hungary, 27.04.2024;

**179.** Medalia de Aur – *EQUIPMENT FOR MONITORING COLLECTION, CROPPING AND PACKAGING OF MARINE AND LAKE SURFACE PLASTIC WASTE*, IDEA ~ EXPO 2024 IDEA, Novetly, Invention, International Exhibition and Fair, Makö, Hungary, 27.04.2024;

**180.** Medalia de Aur – *INTELLIGENT SYSTEM FOR APPLICATION AOF PHYTOSANITARY TREATMENTS AND MONITORING OF PRODUCTION IN GREENHOUSES*, IDEA ~ EXPO 2024 IDEA, Novetly, Invention, International Exhibition and Fair, Makö, Hungary, 27.04.2024;

**181.** Medalia de Aur – *DIGITAL SYSTEM AND METHOD FOR MONITORING PESTS IN FRUIT CROPS USING SMART PHEROMONE TRAPS AND WEATHER STATIONS*, IDEA ~ EXPO 2024 IDEA, Novetly, Invention, International Exhibition and Fair, Makö, Hungary, 27.04.2024;

**182.** Medalia de Aur – *METHOD FOR SIMULATING BIOMASS COMPACTION IN THE FORM OF PELLETS*, IDEA ~ EXPO 2024 IDEA, Novetly, Invention, International Exhibition and Fair, Makö, Hungary, 27.04.2024;

**183.** Diploma & Special Award (CORNELIU GROUP ASSOCIATION) for INVENTION: *DIGITAL SYSTEM AND METHOD FOR MONITORING PESTS IN FRUIT CROPS USING SMART PHEROMONE TRAPS AND WEATHER STATIONS*, on the occasion of The International Exhibition IDEA, 25-27 April 2024, Makö – Hungary;

**184.** SPECIAL AWARD (CITT POLITEHNICA 2020 – U.P. Timișoara) for INVENTION: *LABORATORY EQUIPMENT FOR BIOCHAR PRODUCTION FROM VEGETABLE REMAINS*, on the occasion of The International Exhibition IDEA, 25-27 April 2024, Makö – Hungary;

**185.** SPECIAL AWARD (U.P. Timișoara) for INVENTION: *MODULAR URBAN FARM CONTAINER MODULE*, on the occasion of The International Exhibition IDEA, 25-27 April 2024, Makö – Hungary;

**186.** Diploma și Medalia de Aur – *LABORATORY EQUIPMENT FOR BIOCHAR PRODUCTION FROM VEGETABLE REMAINS*, 16 Edition of European Exhibition of Creativity and Innovation - EUROINVENT, Iași, 8.05.2024;

**187.** Diploma și Medalia de Argint – *METHOD FOR DETERMINING THE SEEDING ACCUARACY OF GRASS PLANT SEEDERS*, 16 Edition of European Exhibition of Creativity and Innovation - EUROINVENT, Iasi, 8.05.2024;

**188.** Diploma și Medalia de Argint – *TECHNOLOGICAL SYSTEM FOR THE PRODUCTION OF THE BIO GRANULATED FOODER FOR POULTRY*, 16 Edition of European Exhibition of Creativity and Innovation - EUROINVENT, Iasi, 8.05.2024;

**189.** Diploma și Medalia de Bronz – *FLOW PARTICLE SEPARATOR FOR AQUAPONIC SYSTEMS*, 16 Edition of European Exhibition of Creativity and Innovation - EUROINVENT, Iasi, 8.05.2024;

**190.** Diploma and SILVER Medal – *TOPINAMBURUL – de la cultivare la valorificare*, 16 Edition of EUROINVENT BOOK SALON, Iasi, 8.05.2024;

**191.** Diploma de Excelență – *FLOW PARTICLE SEPARATOR FOR AQUAPONIC SISTEMS*, 16 Edition of European Exhibition of Creativity and Innovation - EUROINVENT, Iasi, 8.05.2024;

**192.** Diploma și Medalia de Aur – *METHOD FOR DETERMINING THE SEEDING ACCUARACY OF GRASS PLANT SEEDERS*, Salonul INTERNAȚIONAL DE INVENȚII – INOVAȚII „TRAIAN VUIA”, Timișoara, 13-15 June 2024;

**193.** Diploma și Medalia de Aur – *MOBILE EQUIPMENT FOR PELLETING AGRICULTURAL BIOMASS*, Salonul INTERNAȚIONAL DE INVENȚII – INOVAȚII „TRAIAN VUIA”, Timișoara, 13-15 June 2024;

**194.** Diploma și Medalia de Aur – *DIGITAL SYSTEM AND METHOD FOR MONITORING PESTS IN FRUIT CROPS USING SMART PHEROMONE TRAPS AND WEATHER STATIONS*, Salonul INTERNAȚIONAL DE INVENȚII – INOVAȚII „TRAIAN VUIA”, Timișoara, 13-15 June 2024;

**195.** Diploma și Medalia de Aur – *FLOW PARTICLE SEPARATOR FOR AQUAPONIC SISTEMS*, Salonul INTERNAȚIONAL DE INVENȚII – INOVAȚII „TRAIAN VUIA”, Timișoara, 13-15 June 2024;

**196.** Diploma și Medalia de Aur – *TECHNOLOGICAL SYSTEM FOR THE PRODUCTION OF BIO GRANULATED FOODER FOR POULTRY*, Salonul INTERNAȚIONAL DE INVENȚII – INOVAȚII „TRAIAN VUIA”, Timișoara, 13-15 June 2024;

**197.** Diploma & Medalia de Aur – *INTELLIGENT SYSTEM FOR APPLICATION AOF PHYTOSANITARY TREATMENTS AND MONITORING OF PRODUCTION IN GREENHOUSES*, 28th International Exhibition of Inventions „INVENTICA 2024”, Iași, Romania, 3-5 July 2024;

**198.** Diploma & Medalia de Aur – *EQUIPMENT FOR MONITORING COLLECTION, CROPPING AND PACKAGING OF MARINE AND LAKE SURFACE PLASTIC WASTE*, 28th International Exhibition of Inventions „INVENTICA 2024”, Iași, Romania, 3-5 July 2024;

**199.** Diploma & Medalia de Aur – *MODUL CONTAINERIZAT DE FERMĂ URBANĂ MODULARĂ*, 28th International Exhibition of Inventions „INVENTICA 2024”, Iași, Romania, 3-5 July 2024;

**200.** Diploma & Medalia de Aur – *METHOD FOR SIMULATING BIOMASS COMPACTION IN THE FORM OF PELLETS*, 28th International Exhibition of Inventions „INVENTICA 2024”, Iași, Romania, 3-5 July 2024;

**201.** Diploma și Medalia de Aur – *METHOD FOR DETERMINING THE SEEDING ACCURACY OF GRASS PLANT SEEDERS*, 28th International Exhibition of Inventions „INVENTICA 2024”, Iași, Romania, 3-5 July 2024;

**202.** Diploma și Medalia de Aur - *EQUIPMENT FOR SOIL AND SOWING GRASS PLANTS DIRECTLY INTO THE STUBBLE*, The International Exhibition of Innovation and Technological Transfer - innoCENTA, Timișoara, 7 November 2024;

**203.** Diploma și Medalia de Argint – *EQUIPMENT FOR OPTIMIZING THE PROCESSING OF LOW-MOISTURE AGRICULTURAL LAND*, The International Exhibition of Innovation and Technological Transfer - innoCENTA, Timișoara, 7 November 2024;

**204.** Diploma și Medalia de Argint – *INTEGRATED HOMOGENIZATION AND AERATION MECHANISM FOR BIOFERTILIZER PRODUCTION IN AEROBIC BIOREACTORS*, The International Exhibition of Innovation and Technological Transfer - innoCENTA, Timișoara, 7 November 2024;

**205.** Diploma și Medalia de Argint – *EQUIPMENT FOR COLLECTING SEAWED*, The International Exhibition of Innovation and Technological Transfer - innoCENTA, Timișoara, 7 November 2024;

**206.** Diploma și Medalia de Argint – *VERTICAL FARM WITH INTEGRATED AQUAPONIC SYSTEM*, International Innovation and Invention Show, EURO POLITEHNICUS 2024, București, 22-24.11.2024;

**207.** THAILAND AWARD pentru THE BEST INTERNATIONAL INVENTION & INNOVATION – National Research Council of Thailand – *VERTICAL FARM WITH INTEGRATED AQUAPONIC SYSTEM*, International Innovation and Invention Show, EURO POLITEHNICUS 2024, București, 22-24.11.2024;

**208.** Premiul pentru Inovație & Medalia de Aur (Universitatea din Craiova) – *FERMĂ VERTICALĂ CU SISTEM ACVAPONIC INTEGRAT*, International Innovation and Invention Show, EURO POLITEHNICUS 2024, București, 22-24.11.2024;

**209.** DIPLOMA and GOLD MEDAL – *EQUIPMENT FOR OPTIMIZING THE PROCESSING OF LOW-MOISTURE AGRICULTURAL LANDS*, International Exhibition INVENTCDR, 6<sup>th</sup> edition, 3-5 April 2025, DEVA, Romania;

**210.** DIPLOMA and GOLD MEDAL – *ACTIVE SOLAR DRYER FOR FRUITS AND VEGETABLES, INTELLIGENTLY CONTROLLED*, International Exhibition INVENTCDR, 6<sup>th</sup> edition, 3-5 April 2025, DEVA, Romania;

**211.** DIPLOMA and GOLD MEDAL – *VERTICAL FARM WITH INTEGRATED AQUAPONIC SYSTEM*, International Exhibition INVENTCDR, 6<sup>th</sup> edition, 3-5 April 2025, DEVA, Romania;

**212.** DIPLOMA and GOLD MEDAL – *VERTICAL ROBOTIC ARM FOR UNDERWATER DRONES*, International Exhibition INVENTCDR, 6<sup>th</sup> edition, 3-5 April 2025, DEVA, Romania;

**213.** DIPLOMA and Speaker Certificate - *Vlăduț Valentin*, International Exhibition INVENTCDR, 6<sup>th</sup> edition, 3-5 April 2025, DEVA, Romania;

**214.** Diploma and Gold Medal - *SEMI-AUTOMATIC MACHINE FOR TRANSPLANTING VEGETABLE SEEDLINGS ON TWO ROWS*, 17 Edition of European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, May 8-10, 2025;

**215.** Diploma and Gold Medal – *INTEGRATED HOMOGENIZATION AND AERATION MECHANISM FOR BIOFERTILIZER PRODUCTION IN AEROBIC BIOREACTORS*, 17 Edition of European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, May 8-10, 2025;

**216.** Diploma and Silver Medal – *EQUIPMENT FOR SOIL TILLAGE AND SOWING GRASS PLANTS DIRECTLY INTO THE STUBBLE*, 17 Edition of European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, May 8-10, 2025;

**217.** Diploma and Silver Medal – *COMMAND AND CONTROL PROCESS SYSTEM FOR SORTING, STORAGE AND IDENTIFICATION OF SOIL SAMPLES*, 17 Edition of European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, May 8-10, 2025;

**218.** Diploma and Silver Medal – *EQUIPMENT FOR COLLECTING SEAWEED*, 17 Edition of European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, May 8-10, 2025;

**219.** “Lucian Blaga” University of Sibiu - Special Prize – *INTEGRATED HOMOGENIZATION AND AERATION MECHANISM FOR BIOFERTILIZER PRODUCTION IN AEROBIC BIOREACTORS*, 17 Edition of European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, May 8-10, 2025;

**220.** DIPLOMA OF EXCELLENCE (ICPE-CA) – *EQUIPMENT FOR SOIL TILLAGE AND SOWING GRASS PLANTS DIRECTLY INTO THE STUBBLE*, 17 Edition of European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, May 8-10, 2025;

**221.** DIPLOMA OF EXCELLENCE (ICPE-CA)– *EQUIPMENT FOR COLLECTING SEAWEED*, 17 Edition of European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, May 8-10, 2025;

**222.** Special Award (Universitatea „Vasile Alecsandri” din Bacău) – *COMMAND AND CONTROL PROCESS SYSTEM FOR SORTING, STORAGE AND IDENTIFICATION OF SOIL SAMPLES*, 17 Edition of European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, May 8-10, 2025;

**223.** Special Award (Universitatea „Vasile Alecsandri” din Bacău) – *INTEGRATED HOMOGENIZATION AND AERATION MECHANISM FOR BIOFERTILIZER PRODUCTION IN AEROBIC BIOREACTORS*, 17 Edition of European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, May 8-10, 2025;

**224.** Diploma and Gold Medal – *SWEET SORGHUM- A RESILIENT CROP FOR SUSTAINABLE AGRICULTURE IN THE FACE OF CLIMATE CHANGE*, 17 Edition of European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, May 8-10, 2025;

**225.** Healthy vibe - Special Award – *SEMI-AUTOMATIC MACHINE FOR TRANSPLANTING VEGETABLE SEEDLINGS ON TWO ROWS*, 17 Edition of European Exhibition of Creativity and Innovation - EURO INVENT, May 8-10, 2025, Iasi, România;

**226.** Asociația „JUSTIN CAPRĂ” – Certificate of Appreciation - *EQUIPMENT FOR COLLECTING SEAWEED*, 17th European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, România, May 8-10, 2025;

**227.** Asociația „JUSTIN CAPRĂ” – Certificate of Appreciation- *EQUIPMENT FOR SOIL TILLAGE AND SOWING GRASS PLANTS DIRECTLY INTO THE STUBBLE*, 17th European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, România, May 8-10, 2025;

**228.** Asociația „JUSTIN CAPRĂ” – Certificate of Appreciation - *SEMI-AUTOMATIC MACHINE FOR TRANSPLANTING VEGETABLE SEEDLINGS ON TWO ROWS*, 17th European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, România, May 8-10, 2025;

**229.** Asociația „JUSTIN CAPRĂ” – Certificate of Appreciation - *COMMAND AND CONTROL PROCESS SYSTEM FOR SORTING, STORAGE AND IDENTIFICATION OF SOIL SAMPLES*, 17th European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, România, May 8-10, 2025;

**230.** U.P. Timișoara (CITT POLITEHNICA 2020) - CERTIFICATE of EXCELLENCE – *COMMAND AND CONTROL PROCESS SYSTEM FOR SORTING, STORAGE AND IDENTIFICATION OF SOIL SAMPLES*, 17th European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, România, May 8-10, 2025;

**231.** U.P. Timișoara (CITT POLITEHNICA 2020) – SPECIAL AWARD – *SEMI-AUTOMATIC MACHINE FOR TRANSPLANTING VEGETABLE SEEDINGS ON TWO ROWS*, 17th European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, România, May 8-10, 2025;

**232.** U.P. Timișoara (CITT POLITEHNICA 2020) – SPECIAL AWARD – *INTEGRATED HOMOGENIZATION AND AERATION MECHANISM FOR BIOFERTILIZES PRODUCTION IN AEROBIC BIOREACTORS*, 17th European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, România, May 8-10, 2025;

**233.** U.P. Timișoara (CITT POLITEHNICA 2020) – SPECIAL AWARD – *COMMAND AND CONTROL PROCESS SYSTEM FOR SORTING, STORAGE AND IDENTIFICATION OF SOIL SAMPLES*, 17th European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, România, May 8-10, 2025;

**234.** U.P. Timișoara – SPECIAL AWARD – *EQUIPMENT FOR SOIL TILLAGE AND SOWING GRASS PLANTS DIRECTLY INTO THE STUBBLE*, 17th European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, România, May 8-10, 2025;

**235.** Certificate of Excellence (U.P. Timișoara) – *EQUIPMENT FOR COLLECTING SEAWEED*, 17th European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, România, May 8-10, 2025;

**236.** Certificate of Excellence (U.P. Timișoara) – *ROBOTIC ARM FOR UNDERWATER DRONES*, 17th European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, România, May 8-10, 2025;

**237.** BEST STUDENTS PAPER on MMS – *EVALUATION OF VIBRATIONS AND COMFORT OF A DRIVER OF AN ELECTRIC TRACTOR BY MODAL AND EXPERIMENTAL ANALYSIS*, 29th International Exhibition of Inventics „INVENTICA 2025”, Iași, Romania, 25-27 July 2025;

**238.** BEST STUDENTS PAPER on MMS – *EVALUATION OF VIBRATIONS AND COMFORT OF A DRIVER OF AN ELECTRIC TRACTOR BY MODAL AND EXPERIMENTAL ANALYSIS*, IEE – SPRINGER Publishing House, I4SDG 2025;

**239.** DIPLOMA & SILVER MEDAL – *METHOD FOR EVALUATING VIBRATIONS TRANSMITTED TO THE DRIVER OF A SELF-PROPELLED AGRICULTURAL VEHICLE*, 29th International Exhibition of Inventics „INVENTICA 2025”, Iași, Romania, 25-27 July 2025;

**240.** DIPLOMA & GOLD MEDAL – *ROTATING MICROGREENHOUSE WITH AUTOMATIC NUTRIENT DELIVERY AND ZONAL DISTRIBUTION*, 29th International Exhibition of Inventics „INVENTICA 2025”, Iași, Romania, 25-27 July 2025;

**241.** DIPLOMA & GOLD MEDAL – *ROTATING MICROGREENHOUSE WITH AUTOMATIC NUTRIENT DELIVERY AND ZONAL DISTRIBUTION*, 29th International Exhibition of Inventics „INVENTICA 2025”, Iași, Romania, 25-27 July 2025;

**242.** DIPLOMA & GOLD MEDAL – *HIGH-EFFICIENCY MULTILAYER FILTRATION SYSTEM WITH AUTOMATIC CLEANING AND BACKWASHING, FOR AQUAPONICS*, 29th International Exhibition of Inventics „INVENTICA 2025”, Iași, Romania, 25-27 July 2025;

**243.** DIPLOMA & GOLD MEDAL – *SEMI-AUTOMATIC MACHINE FOR TRANSPLANTING VEGETABLE SEEDLINGS ON THE ROWS*, 29th International Exhibition of Inventics „INVENTICA 2025”, Iași, Romania, 25-27 July 2025;

**244.** DIPLOMA & GOLD MEDAL – *EQUIPMENT FOR OPTIMIZING THE PROCESSING OF LOW-MOISTURE AGRICULTURAL LANDS*, 29th International Exhibition of Inventics „INVENTICA 2025”, Iași, Romania, 25-27 July 2025;

**245.** DIPLOMA & SILVER – *EQUIPMENT FOR COLLECTING SEAWEED*, 29th International Exhibition of Inventics „INVENTICA 2025”, Iași, Romania, 25-27 July 2025;

**246.** DIPLOMA & GOLD MEDAL – *INTEGRATED HOMOGENIZATION AND AERATION MECHANISM FOR BIOFERTILIZER PRODUCTION IN AEROBIC BIOREACTORS*, 29th International Exhibition of Inventics „INVENTICA 2025”, Iași, Romania, 25-27 July 2025;

**247.** DIPLOMA & SILVER – *EQUIPMENT FOR SOIL TILLAGE AND SOWING GRASS PLANTS DIRECTLY INTO THE STUBBLE*, 29th International Exhibition of Inventics „INVENTICA 2025”, Iași, Romania, 25-27 July 2025;

**248.** DIPLOMA & GOLD MEDAL – *ACTIVE SOLAR DRYER FOR FRUITS AND VEGETABLES, INTELLIGENTLY CONTROLLED*, 29th International Exhibition of Inventics „INVENTICA 2025”, Iași, Romania, 25-27 July 2025;

**249.** MEDALIA DE AUR – *BRAȚ ROBOTIC PENTRU DRONE SUBACVATICE*, UGAL INVENT – Salonul Inovării și Cercetării, 24-24 octombrie 2025, Galați / România;

**250.** MEDALIA DE ARGINT – *ORGAN SUPLIMENTAR DE LUCRU PENTRU DECOMPACTAREA SOLULUI*, UGAL INVENT – Salonul Inovării și Cercetării, 24-24 octombrie 2025, Galați / România;

251. MEDALIA DE ARGINT – APARAT CU MECANISM ALTERNATIV DE ADMINISTRARE A ÎNGRĂȘĂMINTELOR SOLIDE CU GRANULAȚII VARIABLE ȘI PULBERI, UGAL INVENT – Salonul Inovării și Cercetării, 24-24 octombrie 2025, Galați / România;

252. MEDALIA DE AUR – MECANISM DE OMOGENIZARE ȘI AERARE INTEGRATĂ PENTRU PRODUCȚIA DE BIOFERTILIZANȚI ÎN BIOREACTOARE AEROBE, UGAL INVENT – Salonul Inovării și Cercetării, 24-24 octombrie 2025, Galați / România;

253. MEDALIA DE AUR – METODĂ DE EVALUARE A VIBRAȚIILOR TRANSMISE CONDUCĂTORULUI AUTO AL UNUI VEHICUL AGRICOL AUTOPROPULSAT, UGAL INVENT – Salonul Inovării și Cercetării, 24-24 octombrie 2025, Galați / România;

254. MEDALIA DE ARGINT – TEHNOLOGIE DE PRELUCRARE MINIMĂ A TERENULUI AGRICOL, ADAPTATĂ LA SCHIMBĂRILE CLIMATICE ACTUALE, UGAL INVENT – Salonul Inovării și Cercetării, 24-24 octombrie 2025, Galați / România;

255. MEDALIA DE ARGINT – TEHNOLOGII INOVATIVE PENTRU CREȘTEREA RANDAMENTULUI EXTRACȚIEI PRINCIPILOR ACTIVE DIN PLANTE MEDICINALE ȘI AROMATICE, UGAL INVENT – Salonul Inovării și Cercetării, 24-24 octombrie 2025, Galați / România;

256. MEDALIA DE AUR – OBȚINEREA BIOCHARULUI DIN BIOMASĂ VEGETALĂ, UTILIZÂND ECHIPAMENTE PROTOTIP, UGAL INVENT – Salonul Inovării și Cercetării, 24-24 octombrie 2025, Galați / România;

257. Medalie de Argint – ECHIPAMENT PENTRU OPTIMIZAREA PRELUCRĂRII TERENURILOR AGRICOLE CU UMIDITATE SCĂZUTĂ, UGAL INVENT – Salonul Inovării și Cercetării, 23-24 Octombrie 2025, Galați – România;

258. MEDALIA DE AUR – FERMĂ VERTICALĂ CU SISTEM ACVAPONIC INTEGRAT, UGAL INVENT – Salonul Inovării și Cercetării, 23-24 Octombrie 2025, Galați – România;

259. MEDALIA DE AUR – MAȘINĂ SEMIAUTOMATĂ PENTRU TRANSPLANTAREA RĂSADURILOR DE LEGUME PE DOUĂ RÂNDURI, UGAL INVENT – Salonul Inovării și Cercetării, 23-24 Octombrie 2025, Galați – România;

260. MEDALIE DE ARGINT – THE POTENTIAL OF CANNABIS SATIVA FOR SUPERIOR VALORIZATION IN FOOD APPLICATIONS, UGAL INVENT – Salonul Inovării și Cercetării, 23-24 Octombrie 2025, Galați – România;

261. MEDALIE DE AUR – TRADIȚIE ȘI INOVAȚIE ÎN FERTILIZAREA SUSTENABILĂ A BUSUIOCULUI ROMÂNESC PENTRU OBȚINEREA ULEIURILOR ESENȚIALE VALOROASE, UGAL INVENT – Salonul Inovării și Cercetării, 23-24 Octombrie 2025, Galați – România;

262. PREMIUL SPECIAL (OSIM) – MECANISM DE OMOGENIZARE ȘI AERARE INTEGRATĂ PENTRU PRODUCȚIA DE BIOFERTILIZANȚI ÎN BIOREACTOARE AEROBE, UGAL INVENT – Salonul Inovării și Cercetării, 24-24 octombrie 2025, Galați / România;

263. DIPLOMĂ DE EXCELENȚĂ & MEDALIA DE AUR PRO INVENT - FERMĂ VERTICALĂ CU SISTEM ACVAPONIC INTEGRAT, PRO INVENT – Salon Internațional al Cercetării Științifice, Inovării și Inventice, 15-17 Octombrie 2025, Cluj Napoca – România;

264. DIPLOMĂ DE EXCELENȚĂ & MEDALIA DE AUR PRO INVENT - SISTEM DE COMANDĂ ȘI CONTROL PROCES DE SORTARE, DEPOZITARE ȘI IDENTIFICARE A PROBELOR DE SOL, PRO INVENT – Salon Internațional al Cercetării Științifice, Inovării și Inventice, 15-17 Octombrie 2025, Cluj Napoca – România;

265. DIPLOMĂ DE EXCELENȚĂ & MEDALIA DE AUR PRO INVENT – MICROSERĂ ROTATIVĂ CU LIVRARE AUTOMATĂ DE NUTRIENȚI ȘI DISTRIBUȚIE ZONALĂ, 17th European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, România, May 8-10, 2025;

266. DIPLOMĂ DE EXCELENȚĂ & MEDALIA DE AUR PRO INVENT – ORGAN SUPLIMENTAR DE LUCRU PENTRU DECOMPACTAREA SOLULUI, 17th European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, România, May 8-10, 2025;

267. DIPLOMĂ DE EXCELENȚĂ & MEDALIA DE AUR PRO INVENT – APARAT CU MECANISM ALTERNATIV DE ADMINSTRARE A INGRĂȘĂMINTELOR SOLIDE CU GRANULAȚII VARIABLE ȘI PULBERI, 17th European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, România, May 8-10, 2025;

268. DIPLOMĂ DE EXCELENȚĂ (INCDPM București) – ORGAN SUPLIMENTAR DE LUCRU PENTRU DECOMPACTAREA SOLULUI, 17th European Exhibition of Creativity and Innovation - EURO INVENT, Iasi, România, May 8-10, 2025;

269. Diploma & SILVER MEDAL – THE TRITICOSECALE – BETWEEN TRADITIONAL AND INNOVATION, A CROP FOR THE FUTURE, FESTIVAL OF INNOVATION AND TECHNOLOGICAL TRANSFER, 17-20 November, Târgoviște – România;

270. Diploma & BRONZE MEDAL – THE VALORIZATION OF JERUSALEM ARTICHOKE AS A RENEWABLE RESOURCES FOR ENERGY AND FUNCTIONAL FOOD PRODUCTION, FESTIVAL OF INNOVATION AND TECHNOLOGICAL TRANSFER, 17-20 November, Târgoviște – România;

271. Diploma & GOLD MEDAL – WOVEN PREFORMS SERVE AS PRIMARY COMPOSITE MATERIALS IN ENGINEERING APPLICATIONS, FESTIVAL OF INNOVATION AND TECHNOLOGICAL TRANSFER, 17-20 November, Târgoviște – România;

272. Diploma & SILVER MEDAL – RECYCLED ALUMINIUM AS METALIC MATRIX IN ENGINEERING COMPOSITE APPLICATIONS, FESTIVAL OF INNOVATION AND TECHNOLOGICAL TRANSFER, 17-20 November, Târgoviște – România;

273. Diploma & GOLD MEDAL – TRADITION AND INNOVATION IN SUSTAINABLE FERTILIZATION OF ROMANIAN BASIL FOR VALUABLE ESSENTIAL OILS, FESTIVAL OF INNOVATION AND TECHNOLOGICAL TRANSFER, 17-20 November, Târgoviște – România;

274. Diploma & GOLD MEDAL – “ADVANCE URN”: A MULTIFUNCTIONAL PLANT-BASED ANTIOXIDANT MIX FOR HEALTHY AGEING, FESTIVAL OF INNOVATION AND TECHNOLOGICAL TRANSFER, 17-20 November, Târgoviște – România;

275. Diploma & GOLD MEDAL – THE POTENTIAL OF CANNABIS SATIVA FOR SUPERIOR VALORIZATION IN FOOD APPLICATION, FESTIVAL OF INNOVATION AND TECHNOLOGICAL TRANSFER, 17-20 November, Târgoviște – România;

276. Diploma & MEDALIA DE AUR – OBȚINEREA BIOCĂRBUNELUI DIN BIOMASĂ VEGETALĂ, UTILIZÂND ECHIPAMENTE DE TIP MODEL EXPERIMENTAL, Expoziția Internațională Specializată „INFOINVENT”, Ediția XIX-a, 3-5 Decembrie 2025, Chișinău, Rep. Moldova;

	<p>277. Diploma &amp; MEDALIA DE AUR – <i>SISTEM DE DEZINFECȚIE ÎN FLUX CONTINUU A TĂVILOR SEMĂNATE CU MICROPLANTE PENTRU AGRICULTURA VERTICALĂ</i>, Expoziția Internațională Specializată „INFOINVENT”, Ediția XIX-a, 3-5 Decembrie 2025, Chișinău, Rep. Moldova;</p> <p>278. Diploma &amp; MEDALIA DE AUR – <i>ECHIPAMENT PENTRU COLECTAREA ALGELOR MARINE</i>, Expoziția Internațională Specializată „INFOINVENT”, Ediția XIX-a, 3-5 Decembrie 2025, Chișinău, Rep. Moldova;</p> <p>279. Diploma &amp; MEDALIA DE ARGINT – <i>SISTEM DE FILTRARE MULTISTRAT DE ÎNALTĂ EFICIENȚĂ, CU CURĂȚARE AUTOMATĂ ȘI SPĂLARE ÎN CONTRACURRENT, PENTRU ACVAPONIE</i>, Expoziția Internațională Specializată „INFOINVENT”, Ediția XIX-a, 3-5 Decembrie 2025, Chișinău, Rep. Moldova;</p> <p>280. Diploma &amp; MEDALIA DE ARGINT – <i>MAȘINĂ SEMIAUTOMATĂ PENTRU TRANSPLANTAREA RĂSADURILOR DE LEGUME PE DOUĂ RÂNDURI</i>, Expoziția Internațională Specializată „INFOINVENT”, Ediția XIX-a, 3-5 Decembrie 2025, Chișinău, Rep. Moldova;</p> <p>281. Diploma &amp; MEDALIA DE ARGINT – <i>TEHNOLOGIE INOVATIVĂ DE PRELUCRARE MINIMĂ A TERENULUI AGRICOLĂ ADAPTATĂ LA SCHIMBĂRILE CLIMATICE ACTUALE</i>, Expoziția Internațională Specializată „INFOINVENT”, Ediția XIX-a, 3-5 decembrie 2025, Chișinău, Rep. Moldova;</p> <p>282. Diploma &amp; MEDALIA DE BRONZ – <i>MICROSERĂ ROTATIVĂ CU LIVRARE AUTOMATĂ DE NUTRIENȚI ȘI DISTRIBUIRE ZONALĂ</i>, Expoziția Internațională Specializată „INFOINVENT”, Ediția XIX-a, 3-5 Decembrie 2025, Chișinău, Rep. Moldova;</p> <p>283. Diploma &amp; MEDALIA DE BRONZ – <i>MECANISM DE OMOGENIZARE ȘI AERARE INTEGRATĂ PENTRU PRODUCȚIA DE BIOFERTILIZANȚI ÎN BIOREACTOARE AEROBE</i>, Expoziția Internațională Specializată „INFOINVENT”, Ediția XIX-a, 3-5 Decembrie 2025, Chișinău, Rep. Moldova;</p> <p>284. Diploma &amp; MEDALIA DE BRONZ – <i>SISTEM DE COMANDĂ ȘI CONTROL PROCES DE SORTARE, DEPOZITARE ȘI IDENTIFICARE A PROBELOR DE SOL</i>, Expoziția Internațională Specializată „INFOINVENT”, Ediția XIX-a, 3-5 Decembrie 2025, Chișinău, Rep. Moldova;</p> <p>285. Diploma &amp; MEDALIA DE BRONZ – <i>METODĂ DE EVALUARE A VIBRAȚIILOR TRANSMISE CONDUCĂTORULUI AUTO AL UNUI VEHICUL AGRICOL AUTOPROPULSAT</i>, Expoziția Internațională Specializată „INFOINVENT”, Ediția XIX-a, 3-5 Decembrie 2025, Chișinău, Rep. Moldova;</p> <p>286. Diploma &amp; MEDALIA DE BRONZ – <i>TEHNOLOGIE DE MANAGEMENT A DISPOZITIVULUI DE PRELEVARE A PROBELOR DE SOL</i>, Expoziția Internațională Specializată „INFOINVENT”, Ediția XIX-a, 3-5 Decembrie 2025, Chișinău, Rep. Moldova;</p> <p>287. Diploma &amp; MEDALIA DE AUR – <i>CÂNEPA INDUSTRIALĂ (CANNABIS SATIVA L.) – O RESURSĂ AGROALIMENTARĂ SUSTENABILĂ PENTRU NUTRIȚIA UMANĂ ȘI ANIMALĂ</i>, Expoziția Internațională Specializată „INFOINVENT”, Ediția XIX-a, 3-5 decembrie 2025, Chișinău, Rep. Moldova;</p> <p>288. Diploma &amp; MEDALIA DE ARGINT – <i>EVALUAREA FAUNEI DE DĂUNĂTORI LA CULTURILE DE CARTOF ȘI SFECLĂ DE ZAHĂR ÎN REGIUNEA CENTRALĂ A MOLDOVEI</i>, Expoziția Internațională Specializată „INFOINVENT”, Ediția XIX-a, 3-5 decembrie 2025, Chișinău, Rep. Moldova;</p> <p>289. Diploma &amp; MEDALIA DE ARGINT – <i>TRITICOSECALA – DE LA TRADIȚIE LA INOVAȚIE: O CULTURĂ PROMIȚĂTOARE PENTRU VIITOR</i>, Expoziția Internațională Specializată „INFOINVENT”, Ediția XIX-a, 3-5 decembrie 2025, Chișinău, Rep. Moldova;</p> <p>290. Diploma &amp; MEDALIA DE AUR – <i>TOPINAMBURUL: MATERIE PRIMĂ SUSTENABILĂ PENTRU BIOCOMBUSTIBILI ȘI PRODUSE ALIMENTARE FUNCȚIONALE</i>, Expoziția Internațională Specializată „INFOINVENT”, Ediția XIX-a, 3-5 decembrie 2025, Chișinău, Rep. Moldova;</p> <p>291. DIPLOMA DE EXCELENȚĂ (DFR SYSTEMS SRL) – <i>TOPINAMBURUL: MATERIE PRIMĂ SUSTENABILĂ PENTRU BIOCOMBUSTIBILI ȘI PRODUSE ALIMENTARE FUNCȚIONALE</i>, Expoziția Internațională Specializată „INFOINVENT”, Ediția XIX-a, 3-5 decembrie 2025, Chișinău, Rep. Moldova;</p> <p>292. MEDALIA DE AUR (Universitatea Tehnică a Moldovei) – <i>TEHNOLOGIE INOVATIVĂ DE PRELUCRARE MINIMĂ A TERENULUI AGRICOLĂ ADAPTATĂ LA SCHIMBĂRILE CLIMATICE ACTUALE</i>, Expoziția Internațională Specializată „INFOINVENT”, Ediția XIX-a, 3-5 decembrie 2025, Chișinău, Rep. Moldova;</p> <p>293. DIPLOMA &amp; GOLD MEDAL – <i>HIGH-EFFICIENCY MULTILAYER FILTRATION SYSTEM WITH AUTOMATIC CLEANING AND BACKWASHING FOR AQUAPONICS</i>, Salonul Internațional de Inventii și Inovații „TRAIAN VUIA”, 11<sup>th</sup> Edition, 3-4 October, Timișoara / România;</p> <p>294. DIPLOMA &amp; GOLD MEDAL – <i>ACTIVE SOLAR DRYER FOR FRUITS AND VEGETABLES, INTELLIGENTLY CONTROLLED</i>, Salonul Internațional de Inventii și Inovații „TRAIAN VUIA”, 11<sup>th</sup> Edition, 3-4 October 2025, Timișoara / România;</p> <p>295. SPECIAL AWARD (National Institute of Research &amp; Development for Optoelectronics) – <i>ACTIVE SOLAR DRYER FOR FRUITS AND VEGETABLES, INTELLIGENTLY CONTROLLED</i>, Salonul Internațional de Inventii și Inovații „TRAIAN VUIA”, 11<sup>th</sup> Edition, 3-4 octombrie 2025, Timișoara / România.</p>
PREMII NAȚIONALE	<p>Se vor preciza: titlul premiului, instituția care vi l-a acordat și anul premierii</p> <p>1. Premiul "VALENTIN SCRIPNIC" 2018 al Academiei de Științe Agricole și Silvici „Gheorghe Ionescu Șișești” (ASAS), București, 11.12.2019, pentru lucrarea: „<i>Mathematical model for particle motion applied on a manure spreading apparatus used in environmentally friendly technology</i>”, autori: Ștefan V., Cârdei P., <b>Vlăduț V.</b>, Popa L., Ciupercă R., Ungureanu N.;</p> <p>2. Premiul "TOMA DRAGOȘ" 2018 al Academiei de Științe Agricole și Silvici „Gheorghe Ionescu Șișești” (ASAS), București, 11.12.2019 pentru lucrarea: „Evoluția echipamentelor și mașinilor agricole, de la 1835 până în prezent, în România”, autori: Gângu V., Pirnă I., Nicolescu M., Naghiu Al., Bădănoiu B., Popescu S., Tenu I., Nedeff V., Paraschiv G., Neacșu F., Voicu E., Mocanu V., <b>Vlăduț V.</b>;</p> <p>3. Premiul "TOMA DRAGOȘ" 2019 al Academiei de Științe Agricole și Silvici „Gheorghe Ionescu Șișești” (ASAS), București, 27.12.2020 pentru lucrarea: „<i>INMATEH – AGRICULTURAL ENGINEERING Journal</i>, vol. 57, 58 și 59”, autori: <b>Vlăduț V.</b>, Popa L., Matache M., Muraru V., Țicu T., Cârdei P., Radu D.;</p> <p>4. Premiu / Diploma AGIR' 2021 – Secțiunea „Ingineria Agricolă și Silvică” pentru lucrarea „Sorgul – Tehnologii inovative de cultivare și valorificare”, Editura Universitaria, Craiova' 2021, ASOCIAȚIA INGINERILOR DIN ROMÂNIA (AGIR), 9.09.2022 pentru lucrarea „<i>Sorgul – Tehnologii inovative de cultivare și valorificare</i>”, autori: Matei Gh., <b>Vlăduț N-V.</b>, Troțuș E., Isticioaia S., Drăghici R., Popa L-D., Apostol L., Vocea I.;</p>

	5. Premiul "VALENTIN SCRIPNIC" 2021 al Academiei de Științe Agricole și Silvicultură „Gheorghe Ionescu Șişești” (ASAS), București, 29.11.2022 pentru lucrarea: „Cânepa ( <i>Cannabis Sativa</i> L.) de la cultivare la valorificare”, autori: Popa L.-D., <b>Vlăduț N.V.</b> , Buburuz A.Al., Troțuș E., Matei Gh., Ungureanu N., Isticioaia S.; 6. Premiul "TOMA DRAGOȘ" 2023 al Academiei de Științe Agricole și Silvicultură „Gheorghe Ionescu Șişești” (ASAS), București, 28.11.2024 pentru lucrarea: „Research on the identification of some optimal threshing și separation regimes in the axial flow apparatus”, autori: <b>Vlăduț N.-V.</b> , Ungureanu N., Biris S.St., Vocea I., Nenciu F., Găgeanu I., Cujbescu D., Popa L.-D., Boruz S., Matei G., Ekielski A., Teliban G.C.; 7. Premiul "TOMA DRAGOȘ" 2024 al Academiei de Științe Agricole și Silvicultură „Gheorghe Ionescu Șişești” (ASAS), București, 27.11.2025 pentru lucrarea: „Exploring a self-sufficiency approach within a sustainable integrated pisciculture farming system”, autori: Vocea I., Nenciu F., <b>Vlăduț N.-V.</b> , Matache M., Persu C., Cujbescu D.									
<b>Aptitudini și competențe personale</b>	<ul style="list-style-type: none"><li>• Gândire critică;</li><li>• Aptitudini interpersonale;</li><li>• Atitudine proactivă.</li><li>• Respectarea procedurilor;</li><li>• Perseverența în îndeplinirea sarcinilor;</li><li>• Toleranță;</li><li>• Rezistență la efort și stres.</li></ul>									
<b>Limba maternă</b>	Română									
<b>Limba străină cunoscută</b>										
Autoevaluare	<b>Înțelegere</b>				<b>Vorbire</b>				<b>Scriere</b>	
Nivel european (*)	Ascultare		Citire		Participare la conversație		Discurs oral		Exprimare scrisă	
<b>Limba engleză</b>		<b>Bine</b>		<b>Bine</b>		<b>Bine</b>		<b>Bine</b>		<b>Bine</b>
	(*) Nivelul Cadrului European Comun de Referință Pentru Limbi Străine									
<b>Competențe și abilități sociale</b>	Sociabil, înțelegător									
Competențe și aptitudini organizatorice	<ul style="list-style-type: none"><li>• Capacitate de organizare și conducere echipe de cercetare;</li><li>• Coordonare program NUCLEU – INMA (2013-2015; 2016);</li><li>• Director / responsabil la peste 20 proiecte din cadrul programelor naționale și europene;</li><li>• Organizator și co-organizator simpozioane și conferințe internaționale;</li><li>• Coordonator lucrări disertație: UP București – Fac. Ingineria Sistemelor Biotehnice;</li><li>• Conducător doctorat.</li></ul>									
Competențe și aptitudini de utilizare a calculatorului	<ul style="list-style-type: none"><li>• Mechanical Engineering, Autocad, Mathcad, Word, Excel, PowerPoint, Microsoft Publisher, etc</li></ul>									
Competențe și aptitudini artistice	-									
Alte competențe și aptitudini	<ul style="list-style-type: none"><li>• Asigurarea calității, 1999;</li><li>• Norme și prevederi legale privind securitatea muncii în utilizarea utilajelor destinate agriculturii și industriei alimentare, 1999;</li><li>• Audit intern în activitatea de încercări, 1999, 2000;</li><li>• Incertitudinea de măsurare în încercările mașinilor agricole și industria alimentară, 2000;</li><li>• Managementul și asigurarea calității, 2001;</li><li>• Elemente de asigurarea calității - ISO 9000/2000, 2001;</li><li>• Cerințe pentru competența laboratoarelor de încercări prevăzute în ISO 17025 și Directivele Europene, 2001;</li><li>• Managementul și asigurarea calității – Elemente ale sistemelor calității, 2001;</li><li>• Conducerea și asigurarea calității - S.C. QUALITAS S.A. București, 2001;</li><li>• Managementul calității. Elementele sistemului calității (conform standardului SR ISO 9001) – S.C. QUALITAS S.A. București, 2001;</li><li>• Management de mediu – Asociația Română pentru Calitate (ARC) sub licența Asociației Austriece pentru calitate (EOQ), 2002;</li><li>• Auditor de mediu - Asociația Română pentru Calitate (ARC) sub licența Asociației Austriece pentru calitate (EOQ), 2002;</li><li>• Prezentarea cerințelor referențialului SR EN ISO 17025: 2005 - referențial pentru acreditarea laboratoarelor de încercări/etalonări - Asociația de Acreditare din România, Organismul Național de Acreditare, Centrul de formare și Perfecționare pentru Acreditare, 2006;</li><li>• Elaborarea procedurilor de măsurare și evaluare a incertitudinii de măsurare – S.C. SIGMA CONCEPT SRL, 2006.</li><li>• Managementul performanței – KPI Indicatori cheie de performanță, TOP QUALITY MANAGEMENT 2017.</li></ul>									



Relațional	<ul style="list-style-type: none"> <li>• Abilități de comunicare;</li> <li>• Lucru în echipă;</li> <li>• Abilități de negociere și stingere a conflictelor</li> </ul>
Permis(e) de conducere	Categoria B
Informații suplimentare	<ul style="list-style-type: none"> <li>• Brevete: 18 (din care 1 EPO);</li> <li>• Soi: 1;</li> <li>• Cereri de brevet: 40 (din care 1 EPO);</li> <li>• Lucrări publicate: 942, din care: <ul style="list-style-type: none"> <li>✓ WoS: 220</li> <li>✓ BDI: 722</li> </ul> </li> <li>• Cărți publicate: 33 + 3 capitole, din care: <ul style="list-style-type: none"> <li>✓ în țară: 32 (9 prim autor; 6 coordonator; 17 coautor);</li> <li>✓ în străinătate: 1 carte și 3 capitole</li> </ul> </li> </ul>
Anexe	LISTA DE LUCRĂRI ȘTIINȚIFICE – Anexa 1

## Anexa 1

1. **Viăduț V.**, Băjenaru S., Bungescu S., Biriș S., Boureci A. - *Agricultural policy of Romania and the associated countries for answering the exigencies of the European Union in the perspective of the E.U. accession*, Journal ECONOMICS OF AGRICULTURE (Ekonomika Poljoprivrede-economics of Agriculture), Special Edition, Volum LIII, pag. 551÷558, 2006, YU ISSN 0352-3462, Belgrade, Yugoslavia; [WOS:000435254200060](#)
2. Biriș S., **Viăduț V.**, Bungescu S., Paraschiv G. - *Researches regarding the utilization of ante-molboard in the ploughs building*, PROCEEDINGS OF THE 35 INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", pag 85÷96, 2007, ISSN 1333-2651, Opatija – Croația [ISI - Index to Scientific and Technical Proceedings, CAB International –Agricultural Engineering Abstracts, Cambridge Scientific Abstracts –InterDok];
3. Biriș S., Maican E., Faur N., **Viăduț V.**, Bungescu S. - *FEM model for appreciation of soil compaction under the action of tractors and agricultural machines*, PROCEEDINGS OF THE 35 INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", pag 271÷280, 2007, ISSN 1333-2651, Opatija – Croația [ISI - Index to Scientific and Technical Proceedings, CAB International –Agricultural Engineering Abstracts, Cambridge Scientific Abstracts –InterDok];
4. **Viăduț V.**, Gângu V., Pirnă I., Băjenaru S., Biriș S., Bungescu S. - *Complex tests of the resistance structures in simulated and accelerated regime on hydropulse installation*, PROCEEDINGS OF THE 35 INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", pag 393÷404, 2007, ISSN 1333-2651, Opatija – Croația [ISI - Index to Scientific and Technical Proceedings, CAB International –Agricultural Engineering Abstracts, Cambridge Scientific Abstracts –InterDok];
5. **Viăduț V.**, Manea D., Biriș S., Bungescu S., Atanasov At. - *Test of an equipment which works in open air according to the requirements of D 2000/14/EC*, PROCEEDINGS OF THE 35 INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", pag 405÷414, 2007, ISSN 1333-2651, [ISI - Index to Scientific and Technical Proceedings, CAB International –Agricultural Engineering Abstracts, Cambridge Scientific Abstracts –InterDok];
6. Biriș S., Maican E., **Viăduț V.**, Paraschiv G., Manea M., Bungescu S. - *Study regarding the soil particles kinematics during the ante-mouldboard tillage tools working process*, PROCEEDINGS OF THE 36 INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", pag 115÷126, 2008, ISSN 1333-2651, Opatija – Croația [ISI - Index to Scientific and Technical Proceedings, CAB International –Agricultural Engineering Abstracts, Cambridge Scientific Abstracts –InterDok];
7. Bungescu S., Biriș S., **Viăduț V.**, Paraschiv G. - *Researches regarding the stress distribution determination appearing on the lamellar mouldboard surface with a view to modelling and optimization*, PROCEEDINGS OF THE 36 INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", pag 281÷292, 2008, ISSN 1333-2651, Opatija - Croația;
8. **Viăduț V.**, Matache M., Faur N., Biriș S., Paraschiv G., Bungescu S. - *Traction Bar Testing of a 161 Kw Tractor in Simulated and Accelerated Regime and its Analysis by Finite Elements Method for Determining its Rupture Resistance*, PROCEEDINGS OF THE 37 INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", pag. 77÷84, 2009, ISSN 1333-2651, Opatija - Croația [ISI - Index to Scientific and Technical Proceedings; CAB International – Agricultural Engineering Abstracts; Cambridge Scientific Abstracts – InterDok];
9. **Viăduț V.**, Popa L., Danciu A., Bungescu S., Biriș S., Paraschiv G. - *Soil Pressure Determination in Real-Field and Simulated Laboratory*, PROCEEDINGS OF THE 37 INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", pag. 107÷116, 2009, ISSN 1333-2651, Opatija - Croația [ISI - Index to Scientific and Technical Proceedings, CAB International –Agricultural Engineering Abstracts, Cambridge Scientific Abstracts –InterDok];
10. Bungescu S., Pârșan P., Biriș S., **Viăduț V.**, Imbrea F., Petroman I. - *The stratified composite materials implementation in the engineering of the mouldboards*, PROCEEDINGS OF THE 37 INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", pag. 127÷134, 2009, ISSN 1333-2651, Opatija - Croația [ISI - Index to Scientific and Technical Proceedings; CAB International – Agricultural Engineering Abstracts; Cambridge Scientific Abstracts – InterDok];
11. Paraschiv G., Toma L., Biriș S., Voicu G., **Viăduț V.** - *Research regarding the influence of angle of fall and of furrow overturning tendency on covering degree with soil of the vegetal remains from ploughing*, PROCEEDINGS OF THE 37 INTERNATIONAL SYMPOSIUM ON AGRICULTURAL ENGINEERING "Actual Tasks on Agricultural Engineering", pag 135÷142, 2009, ISSN 1333-2651, Opatija - Croația [ISI - Index to Scientific and Technical Proceedings; CAB International – Agricultural Engineering Abstracts; Cambridge Scientific Abstracts – InterDok];
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### PROIECTE COORDONATE în calitate de DIRECTOR / RESPONSABIL PROIECT

1. ORIZONT - Studii și cercetări privind realizarea unui sistem de climatizare a cabinelor care echipează tractoarele și mașinile agricole autopropulsate, Director proiect, 1999-2001
2. CALIST - Studii și cercetări privind îmbunătățirea indicilor calitativi de lucru la combinele cu aparat de treier axial, Director proiect, 1999-2001
3. ORIZONT - Studiu privind reducerea forțelor și a energiei necesare pentru prelucrarea solului prin efectul de electro-osmoză, Director proiect, 2000-2002
4. PHARE: RO 0006.02.01 - Armonizarea încercărilor realizate de laboratoarele INMA-DITRMA corespunzător New Approach (Directiva de Mașini 98/37/CEE, Regulamente și Directive OECD) pentru determinarea rezistenței structurilor și legăturilor mecanice ale echipamentelor tehnice din agricultură, industrie alimentară, transport și manipulare, în regim simulat și accelerat, Director proiect, 2002-2003
5. NUCLEU 2003 - Tehnologie integrată și echipamente tehnice pentru obținerea biocombustibililor, furajelor și alcoolului din sorgul zaharat, Director proiect, 2003-2005
6. CALIST 2003 - Elaborarea metodelor de măsurare și încercare a ET de prelucrarea și fertilizarea solului armonizate la reglementările UE, Director proiect, 2003-2005
7. CEEX 2005 (M I) - Cercetări complexe privind utilizarea metodei elementelor finite pentru studiul compactării artificiale a solului agricol sub acțiunea sistemelor de rulare ale tractoarelor și mașinilor Agricole, Responsabil șt. Proiect, 2005-2007
8. CEEX 2005 (M I) - Crearea unei rețele de cercetare cu utilizatori multipli pentru tehnologii, procese și echipamente tehnice din sectoarele: construcții de mașini, energetica, aeronautica, etc, Director proiect, 2005-2008
9. CEEX 2005 (M IV) - Dezvoltarea capacității laboratoarelor de încercări în domeniul măsurării zgomotului pentru mașinile și echipamentele cu funcționare în aer liber, Director proiect, 2005-2007
10. CEEX 2006 (M III) - Promovarea participării la programul cadru 7 și dezvoltarea rețelei naționale de excelență în domeniul siguranței și securității în transport, Director proiect, 2006-2008
11. CEEX 2006 (M III) - Promovarea participării și integrării cercetării științifice românești la programul cadrul 7 privind mecanizarea lucrărilor agricole, producția și managementul durabil al resurselor solului agricol, Responsabil șt. Proiect, 2006-2008
12. CEEX 2006 (M III) - Promovarea performanțelor științifice românești în domeniul producerii și valorificării plantelor medicinale, aromatice și tinctoriale, Director proiect, 2006-2008
13. NUCLEU - Cercetarea și fundamentarea tehnico-științifică a unei tehnologii și instalație modernă de extracție a uleiurilor vegetale pentru procesarea primară a semințelor unor produse agricole, în scopul promovării conceptului de "INDEPENDENȚĂ ENERGETICĂ A FERMIERULUI ROMÂN", Director proiect, 2007-2008
14. PNCDI II - Fluid de răcire și ungere biodegradabil cu funcționare multiplă, Responsabil proiect, 2008-2010
15. TRANSFRONTALIER RO-BG - BIOFUELS - Source of common sustainable development in the cross-border cooperation area, Responsabil șt. Proiect, 2012-2013
16. PROGRAM NUCLEU - Dezvoltarea cercetărilor privind sistemele, tehnologiile de mecanizare, informatizare, automatizare, management și echipamente tehnice competitive pentru agricultura și industria alimentară / STIMM, Cod PN 09 – 15, Director Program, 2013-2015
17. PROGRAM NUCLEU - Dezvoltarea cercetărilor privind sistemele, tehnologiile de mecanizare, informatizare, automatizare, management și echipamente tehnice competitive pentru agricultura și industria alimentară / STIMM, Cod PN 09 – 15, Director Program, 2014-2016
18. PARTENERIATE - Tehnologie conservativă de prelucrare a solului, Responsabil proiect, 2014-2017
19. PROGRAM NUCLEU - Cercetări privind fundamentarea tehnico-științifică, realizarea de tehnologii inovative și echipamente tehnice inteligente destinate agriculturii, silviculturii și industriei alimentare / TIASIA, Cod: PN 16 24, Director Program, 2016-2017

20. PN III – PCCCDI - Sistem complex de valorificare integrală a unor specii agricole cu potențial energetic și alimentar, Responsabil proiect, 2018-2020
21. PFI - Creșterea capacității și performanței instituționale a INMA București în domeniul Bioeconomie, Programul 1 – Dezvoltarea sistemului național de cercetare –dezvoltare, Subprogramul 1.2 – Performanță instituțională, Proiecte de dezvoltare instituțională – Proiecte de finanțare a excelenței în CDI, Director Proiect, 2018-2020
22. PFI - Dezvoltarea instituțională a INMA București în vederea creșterii performanțelor în domeniul Bioeconomie – INMAPERFORM, Programul 1 – Dezvoltarea sistemului național de cercetare –dezvoltare, Subprogramul 1.2 – Performanță instituțională, Proiecte de dezvoltare instituțională – Proiecte de finanțare a excelenței în CDI, Director Proiect, 2022-2024;
23. ADER 25.1.2 - Tehnologie inovativă de prelucrare minimă a terenului agricol adaptată la schimbările climatice actuale, Director Proiect, 2023-2026.

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