



**Transilvania  
University  
of Braşov**

INTERDISCIPLINARY  
DOCTORAL SCHOOL



**2025**

INTERDISCIPLINARY DOCTORAL SCHOOL

**ANNUAL REPORT**

# PREAMBLE

In its capacity as Institution organizing doctoral studies (IOSUD), Transilvania University of Braşov offers doctoral studies in 24 accredited doctoral fields. These, integrated into the Interdisciplinary Doctoral School (SDI), cover a variety of branches of science – engineering, exact sciences, social sciences, humanities, arts, medicine, sports and physical education – which derive coherently from the specializations offered by the university's 18 faculties. The diversity of doctoral fields corresponds to the comprehensive nature of the university and favours inter-, multi-, and transdisciplinary doctoral research, one of the strategic directions of the university.

The Interdisciplinary Doctoral School is in continuous development, reflected in the constant increase in the number of doctoral fields, doctoral supervisors, and doctoral students.

At the same time, the international dimension of doctoral studies has increased significantly in recent years, with the number of foreign doctoral students reaching 16,34% in 2025, and a dynamic of international scientific collaborations on the rise.

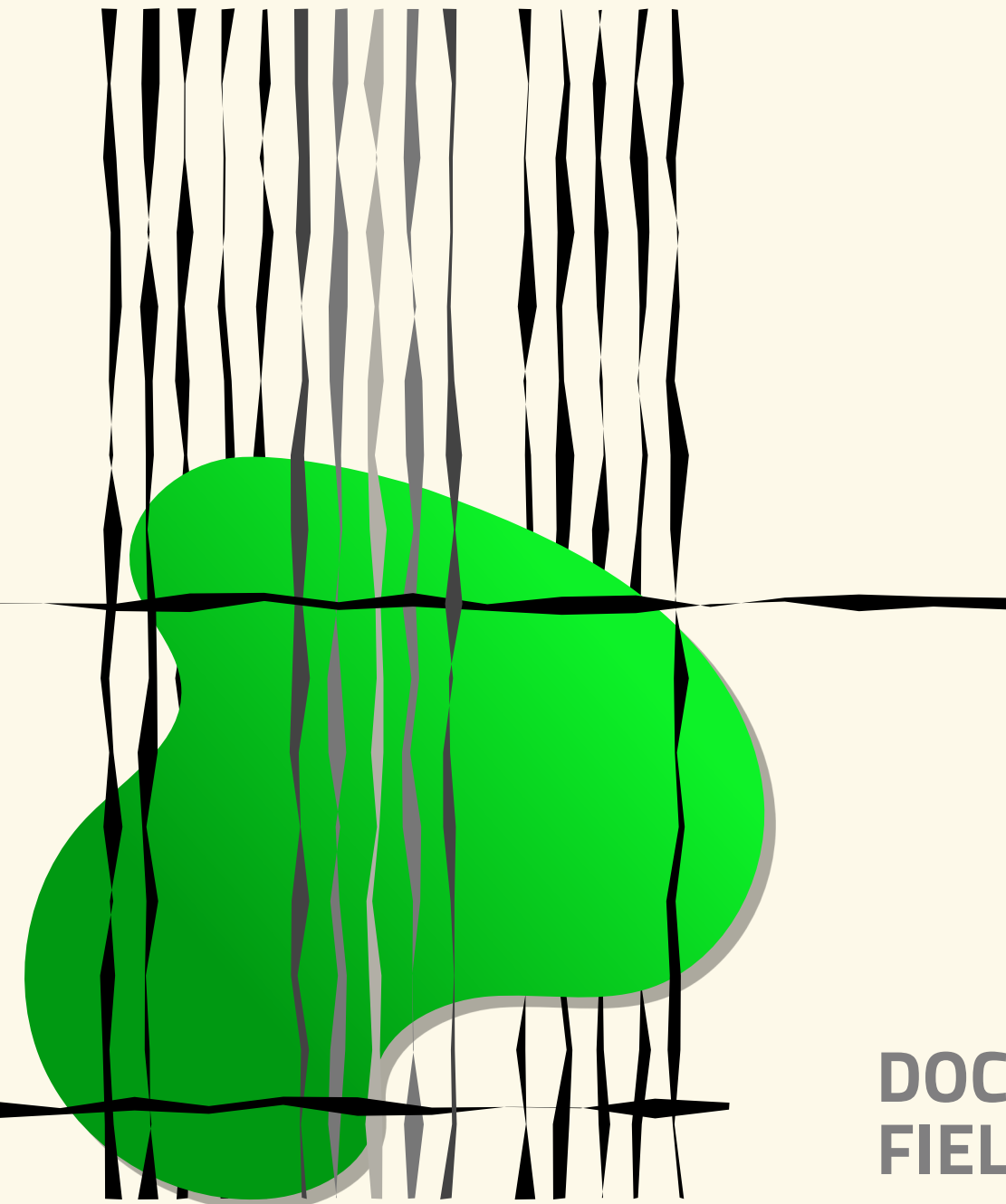
The quality of research – a strategic priority for the university – is an essential component of doctoral studies and is supported by various institutional funding programmes, awards for scientific performance, and mobility programmes for training and disseminating research results. Thus, 2025 witnesses a further increase in the number of publications by doctoral students in scientific journals indexed in important databases and, implicitly, greater international visibility.

Prof. Dr. Eng. Cătălin ALEXANDRU  
Director of the Council for Doctoral Studies

Prof. Dr. Mona ARHIRE  
Director of the Interdisciplinary  
Doctoral School

# CONTENTS

- 3   ▣ Doctoral fields
- 7   ▣ Doctoral supervisors
- 17  ▣ Doctoral students
- 23  ▣ Doctoral theses defended
- 29  ▣ Web of Science publications
- 45  ▣ Salary increase and awards for scientific performance
- 49  ▣ Internationalization
- 55  ▣ Events



**DOCTORAL  
FIELDS**

In 2025, the Interdisciplinary Doctoral School comprised 24 accredited doctoral fields, of which 14 in engineering sciences and another 10 in exact sciences, social sciences, arts and humanities, medical sciences, physical education and sports.

There are two types of doctoral programmes – scientific and professional – and they are offered both full time and part time, in Romanian and in international languages.

**ENGINEERING  
SCIENCES** 

**1** Mechanical  
Engineering

Industrial  
Engineering **2**

**3**  
Materials  
Engineering

**4**  
Electrical  
Engineering

**5**  
Electronics,  
Telecommunications  
and Informational  
Technologies

Systems  
Engineering  
**6**

**7**  
Forest  
Engineering

**8**  
Engineering &  
Management

**9**  
Computers &  
Information  
Technologies

**10** Forestry

**11**  
Mechatronics  
& Robotics

**12** Automotive  
Engineering

**13**  
Environmental  
Engineering

Civil Engineering  
& Building Services

**14**

**EXACT & SOCIAL SCIENCES;  
ARTS & HUMANITIES**



**1** Computer  
Science

**2** Mathematics

**3** Marketing

**4** Finance

**5**  
Management

Sociology

**6**

**7**  
Medicine

Medicine

**8**

Music

**9**

**10**  
Science of Sport  
& Physical  
Education



**DOCTORAL  
SUPERVISORS**

On the 1st of October 2025, 222 doctoral supervisors were affiliated to the 24 doctoral fields, of which 154 UNITBV tenured staff, 52 retired supervisors and 16 external collaborators.

No.	Doctoral field	No. of doctoral supervisor	Tenured	Retired	Collaborators
1	Computers and Information Technologies	5	3	1	1
2	Philology	11	9	2	
3	Finance	5	4		1
4	Computer Science	5	3	1	1
5	Automotive Engineering	5	3		2
6	Materials Engineering	16	6	8	2
7	Environmental Engineering	4	4		
8	Systems Engineering	3	2	1	
9	Civil Engineering and Building Services	4	2		2
10	Electrical Engineering	6	2	4	
11	Electronics, Telecommunications & Informational Technologies	7	5	2	
12	Forest Engineering	8	7	1	
13	Industrial Engineering	17	15	2	
14	Mechanical Engineering	36	23	13	
15	Engineering and Management	9	4	5	
16	Management	3	3		
17	Marketing	9	7	1	1
18	Mathematics	7	3	2	2
19	Mechatronics and Robotics	3	3		
20	Medicine	21	17	4	
21	Music	6	4	2	
22	Forestry	23	17	2	4
23	Sociology	4	4		
24	Science of Sport and Physical Education	5	4	1	
		<b>222</b>	<b>154</b>	<b>52</b>	<b>16</b>

## DOCTORAL SUPERVISORS IN EACH DOCTORAL FIELD 01.10.2025

No.	Field	Faculty	Surname and first name	Status T/R/C*	No. of doctoral students
1.	Computers and Information Technologies	Electrical Engineering & Computer Science	Andonie Răzvan	R	2
2.			Kristaly Dominc Mircea	T	2
3.			Moraru Sorin Aurel	T	12
4.			Popovici Dorin Mircea	C	3
5.			Pozna Claudiu Radu	T	2
6.	Philology	Letters	Arhire Mona Brigitte	T	7
7.			Burada Marinela	T	2
8.			Chefneux Gabriela	T	2
9.			Gheorghe Mihaela	T	1
10.			Ignat Mihai	T	5
11.			Ilie Rodica Maria	T	8
12.			Lindemann Sofiana Iulia	T	0
13.			Matei Alexandru	T	4
14.			Podoabă Virgil Augustin	R	0
15.			Puchianu Carmen Elisabeta	R	0
16.	Săftoiu Răzvan Georgian	T	5		
17.	Finance	Economic Science & Business Administration	Baba Camelia-Mirela	T	1
18.			Bărbuță-Mișu Nicoleta	C	2
19.			Dincă Gheorghîța	T	8
20.			Dincă Marius Sorin	T	5
21.			Răileanu-Szeles Monica	T	6
22.	Computer Science	Mathematics & Computer Science	Bocu Răzvan	T	2
23.			Ciurea Eleonor	R	0
24.			Deaconu Adrian Marius	T	3
25.			Grozavu Nistor	C	0
26.			Tăbîrcă Marius Sabin	T	1
27.	Automotive Engineering	Mechanical Engineering	Beleş Horia	C	3
28.			Duguleană Mihai	T	1
29.			Gîrbacia Florin	T	2

\* T - Tenured, R - Retired, C - Collaborators

30.			Sachelarie Adrian Constantin	C	1		
31.			Șoica Adrian	T	4		
32.	Materials Engineering	Product Design & Environment	Dumitrescu Georgeta Lucia	R	0		
33.			Pațachia Florica Silvia Cristina	R	0		
34.			Vișa Maria	R	0		
35.		Electrical Engineering & Computer Science	Crețu Nicolae Constantin	R	1		
36.		Materials Science and Engineering	Balteș Liana Sanda	T	0		
37.			Cristea Daniel	T	2		
38.			Crișan Aurel	R	0		
39.			Croitoru Cătălin	T	1		
40.			Giacomelli Ioan	R	0		
41.			Machedon Pisu Teodor	R	1		
42.			Mirza Rosca Juliana Claudia	C	1		
43.			Munteanu Daniel	T	3		
44.			Pop Mihai Alin	T	0		
45.			Samoilă Cornel	R	1		
46.			Țiorean Mircea Horia	T	2		
47.			Vilela Vaz José Filipe	C	0		
48.			Environmental Engineering	Product Design & Environment	Andronic Luminița Camelia	T	3
49.					Cazan Cristina	T	1
50.	Eneșca Ioan Alexandru				T	0	
51.	Isac Luminița Anișoara	T			0		
52.	Systems Engineering	Electrical Engineering & Computer Science	Itu Lucian	T	7		
53.			Moldoveanu Florin	R	0		
54.			Suciu Constantin	T	4		
55.	Civil Engineering and Building Services	Civil Engineering	Bărbulescu Alina	T	2		
56.			Maștei Carmen Elena	T	6		
57.			Moșoarcă Marius	C	2		
58.			Prada Marcela Florina	C	4		
59.	Electrical Engineering	Electrical Engineering & Computer Science	Borza Paul Nicolae	R	3		
60.			Fratu Aurel	R	3		
61.			Helerea Elena	R	1		

\* T - Tenured, R - Retired, C - Collaborators

62.			Marinescu Corneliu	R	1
63.			Șerban Ioan	T	6
64.			Volmer Marius	T	1
65.	Electronics, Telecommunications & Informational Technologies	Electrical Engineering & Computer Science	Bălan Titus Constantin	T	8
66.			Cotfas Daniel Tudor	T	7
67.			Cotfas Petru Adrian	T	7
68.			Ivanovici Laurențiu Mihail	T	7
69.			Ogruțan Petre Lucian	T	0
70.			Sandu Florin	R	0
71.			Ursuțiu Doru	R	2
72.	Forest Engineering	Furniture Design & Wood Engineering	Barbu Marius Cătălin	T	1
73.			Câmpean Mihaela	T	0
74.			Cionca Marina Cristina	R	0
75.			Coșoreanu Camelia	T	2
76.			Gurău Lidia	T	3
77.			Lunguleasa Aurel	T	1
78.			Manea Emilia-Adela	T	2
79.			Timar Maria Cristina	T	2
80.	Industrial Engineering	Furniture Design & Wood Engineering	Rădulescu Loredana Anne-Marie	R	0
81.		Product Design & Environment	Starețu Ionel	T	0
82.		Mechanical Engineering	Mogan Gheorghe	R	0
83.		Technological Engineering & Industrial Management	Cioară Romeo	T	0
84.			Deaconescu Andrea Cătălina	T	1
85.			Deaconescu Tudor Ion	T	2
86.			Drăgoi Mircea Viorel	T	3
87.			Dumitrașcu Adela Eliza	T	2
88.			Morariu Cristin Olimpiu	T	0
89.			Oancea Gheorghe	T	4
90.			Pârv Aurica Luminița	T	3
91.		Zaharia Sebastian Marian	T	2	
92.		Materials Science & Engineering	Cătană Dorin Ioan	T	0
93.			Miloșan Ioan	T	0
94.			Pascu Alexandru	T	4
95.			Stanciu Elena Manuela	T	0
96.	Stoicănescu Maria		T	1	

\* T - Tenured, R - Retired, C - Collaborators

97.	Mechanical Engineering	Food & Tourism	Brătucu Gheorghe	R	0
98.			Thierheimer Walter Wilhelm	T	1
99.		Civil Engineering	Ciofoaia Vasile	R	0
100.			Năstase Gabriel	T	5
101.		Product Design & Environment	Alexandru Cătălin	T	1
102.			Baritz Mihaela Ioana	R	2
103.			Cotoros Diana Laura	R	0
104.			Cristea Luciana	T	2
105.			Jaliu Codruța Ileana	T	0
106.			Lateș Mihai Tiberiu	T	0
107.			Neagoie Mircea	T	0
108.			Roșca Ileana Constanța	R	2
109.			Săulescu Radu-Gabriel	T	0
110.			Stroe Ioan	R	0
111.			Velicu Radu Gabriel	T	0
112.		Vișa Ion	R	2	
113.		Mechanical Engineering	Antonyă Csaba	T	4
114.			Butnariu Silviu Luis	T	4
115.			Cerbu Camelia	T	0
116.			Chiru Anghel	R	7
117.			Cofaru Corneliu	R	3
118.			Costiuc Liviu	T	0
119.			Huminic Gabriela	T	0
120.			Huminic Traian Angel	T	0
121.			Itu Călin	T	2
122.			Lache Simona	T	3
123.			Motoc Dana	T	2
124.			Radu Gheorghe Nicolae	R	0
125.			Roșca Ioan Călin	T	5
126.			Sandu Venetia	R	0
127.			Scutaru Maria Luminița	T	3
128.			Șova Daniela	T	0
129.	Stanciu Mariana Domnica		T	0	
130.	Szava Ioan		R	2	
131.	Teodorescu Drăghicescu Horatiu		T	0	
132.	Vlase Sorin	R	1		

\* T - Tenured, R - Retired, C - Collaborators

133.	Engineering & Management	Food & Tourism	Gaceu Liviu	T	2
134.			Gruia Romulus	R	0
135.		Product Design & Environment	Repanovici Angela	T	8
136.			Săvescu Dan	R	5
137.		Technological Engineering & Industrial Management	Boşcoianu Mircea	T	6
138.			Calefariu Gavrilă	R	8
139.			Florescu Adriana	T	2
140.			Lupulescu Nourăş Barbu	R	0
141.			Nedelcu Anişor	R	8
142.		Management	Economic Science & Business Administration	Dragomir-Pânzaru Cristina	T
143.	Foriş Tiberiu			T	3
144.	Sumedrea Silvia			T	2
145.	Marketing	Economic Science & Business Administration	Băltescu Codruţa Adina	T	2
146.			Brătucu Gabriel	T	5
147.			Constantin Cristinel Petrişor	T	7
148.			Duguleană Liliana	T	1
149.			Epuran Gheorghe	R	1
150.			Luca Florin Alexandru	C	1
151.			Neacşu Nicoleta Andreea	T	3
152.			Tescaşiu Bianca	T	8
153.			Untaru Elena-Nicoleta	T	1
154.	Mathematics	Mathematics & Computer Science	Marin Marin	R	3
155.			Miculescu Radu	T	2
156.			Mihai Adela Gabriela	C	4
157.			Păltănea Radu	R	0
158.			Pascu Mihai Nicolae	T	1
159.			Popa Ioan-Lucian	C	1
160.			Voicu Nicoleta	T	4
161.	Mechatronics & Robotics	Electrical Engineering & Computer Science	Cociaş Tiberiu Teodor	T	1
162.			Grigorescu Mihai Sorin	T	8
163.			Măceşanu Gigel	T	1
164.	Medicine	Medicine	Agache Ioana	T	1
165.			Badea Mihaela	T	9
166.			Badea Tudor-Constantin	T	7
167.			Bobescu Elena	T	8

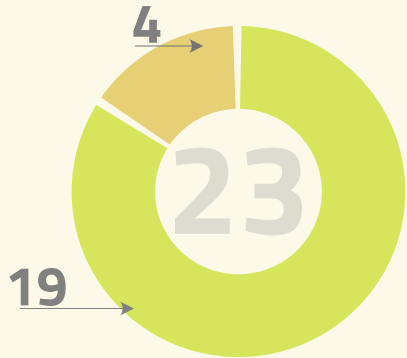
\* T - Tenured, R - Retired, C - Collaborators



201.			Ionescu Dan Traian	T	0
202.			Ionescu Ovidiu	T	3
203.			Ioraş Florin	C	0
204.			Muşat Camelia	T	2
205.			Nicolescu Valeriu Norocel	T	3
206.			Niţă Mihai Daniel	T	9
207.			Petriţan Ion Cătălin	T	4
208.			Popa Bogdan	T	6
209.			Simon Dieter Carol	R	1
210.			Strîmbu Bogdan	C	0
211.			Tudoran Gheorghe Marian	T	2
212.			Vasilescu Maria Magdalena	T	2
213.			Vorovencii Iosif	T	5
214.	Sociology	Sociology & Communication	Buzea Carmen	T	3
215.			Csesznek Codrina	T	3
216.			Scârnci-Domnişoru Florentina	T	1
217.			Sorea Daniela	T	3
218.	Science of Sport & Physical Education	Physical Education & Mountain sports	Bădău Dana	T	5
219.			Balint Lorand	T	1
220.			Bondoc Ionescu Dragoş	R	0
221.			Enoiu Răzvan Sandu	T	6
222.			Mîndrescu Veronica	T	3
					<b>606</b>

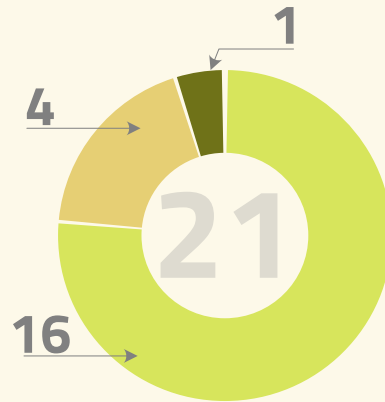
\* T - Tenured, R - Retired, C - Collaborators

### Habilitations



23 habilitation certificates obtained at UNITBV in 2025, of which 19 by tenured staff and 4 by members of other institutions

### Doctoral supervisors affiliated to SDI



21 doctoral supervisors affiliated to SDI in 2025, of which 16 tenured staff, 4 from another Romanian institution and 1 external (Great Britain).



**DOCTORAL  
STUDENTS**

Doctoral students on the 1st of October 2025: **606** (Romanians and foreigners)

- 121 with state budget-covered tuition fee, with scholarship
- 116 with state budget-covered tuition fee, without scholarship
- 369 with tuition fee

No.	Doctoral field	Mode of study and no. doctoral students		Total	Source of funding		
					Budget, with scholarship	Budget, without scholarship	Tuition fee
1	Computers and Information Technology	IF	18	21	3		15
		IFR	3				1
2	Philology	IF	28	34	10		17
		IFR	6				4
3	Finance	IF	19	22	4		15
		IFR	3				2
4	Computer Science	IF	5	6	3		2
		IFR	1				1
5	Automotive Engineering	IF	8	11	3		5
		IFR	3				2
6	Materials Engineering	IF	8	12	6		2
		IFR	4				3
7	Environmental Engineering	IF	3	4	2		1
		IFR	1				1
8	Systems Engineering	IF	10	11	5		3
		IFR	1				
9	Civil Engineering and Building Services	IF	10	14	2		8
		IFR	4				2
10	Electrical Engineering	IF	10	15	2		8
		IFR	5				3
11	Electronics, Telecommunications and Informational Technologies	IF	25	31	6		16
		IFR	6				3
12	Forest Engineering	IF	10	11	4		6
		IFR	1				1
13	Industrial Engineering	IF	14	22	8		5
		IFR	8				3

14	Mechanical Engineering	IF	32	51	6	3	23
		IFR	19			11	8
15	Engineering and Management	IF	23	39	8		15
		IFR	16			9	7
16	Management	IF	7	7	3		4
		IFR					
17	Marketing	IF	22	29	6	2	14
		IFR	7			5	2
18	Mathematics	IF	13	15	6	2	5
		IFR	2			1	1
19	Mechatronics and Robotics	IF	9	10	3		6
		IFR	1			1	
20	Medicine	IF	91	124	11	6	74
		IFR	33			18	15
21	Music	IF	17	23	6	1	10
		IFR	6			1	5
22	Forestry	IF	28	69	5		23
		IFR	41			14	27
23	Sociology	IF	7	10	4	2	1
		IFR	3			3	
24	Science of Sport and Physical Education	IF	11	15	5	2	4
		IFR	4			2	2
			<b>606</b>	<b>606</b>	<b>121</b>	<b>116</b>	<b>369</b>

IF= full time; IFR= part time

Foreign doctoral students: 99 – 16,3 % of the total number of doctoral students

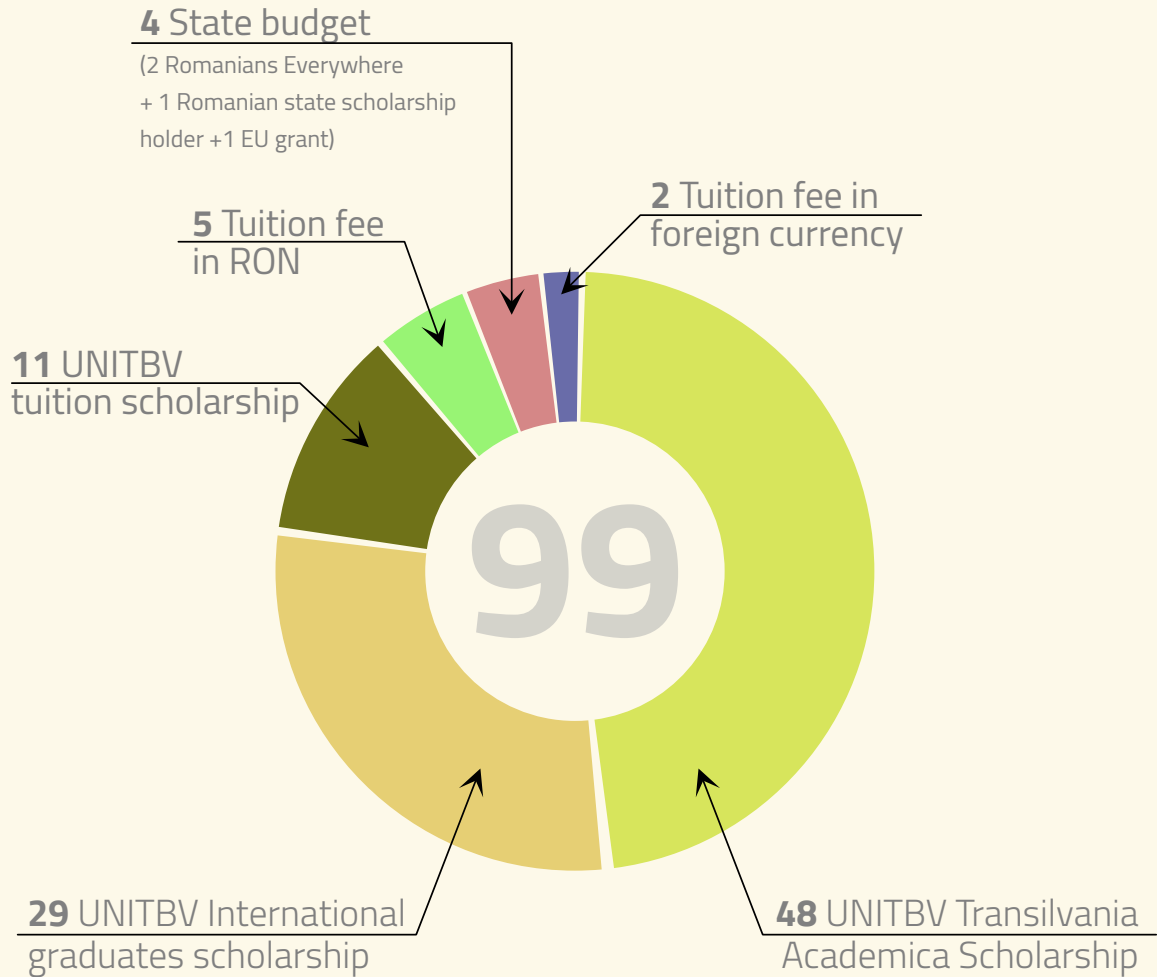
No.	Doctoral field	No. of doctoral students	Source of funding		
			Budget*	Tuition fee**	UNITBV Scholarship***
1	Computers and Information Technologies	7			7
2	Philology	4		1	3
3	Finance	7		1	6
4	Computer Science				
5	Automotive Engineering	1		1	
6	Materials Engineering	1			1
7	Environmental Engineering				
8	Systems Engineering				
9	Civil Engineering and Building Services	4			4
10	Electrical Engineering	5			5
11	Electronics, Telecommunications and Informational Technologies	11	1		10
12	Forest Engineering	2			2
13	Industrial Engineering	3	1		2
14	Mechanical Engineering	2		1	1
15	Engineering and Management	2			2
16	Management				
17	Marketing	7			7
18	Mathematics				
19	Mechatronics and Robotics	2			2
20	Medicine	17		2	15
21	Music	4		1	3
22	Forestry	18			18
23	Sociology	2	2		
24	Science of Sport and Physical Education				
		<b>99</b>	<b>4</b>	<b>7</b>	<b>88</b>

\*Romanians Everywhere + Romanian State Scholarship + EU grant

\*\*Tuition fee in RON +Tuition fee in foreign currency

\*\*\*Transilvania Academica Scholarship + International graduates scholarship+ Tuition fee scholarship, including CHORAL

## Source of funding for international doctoral students



Doctoral supervisors involved in the joint supervision of UNITBV doctoral students:



5

National joint supervision



12

International joint supervision (of which 2 within the UNITA Alliance's CHORAL project)

Doctoral supervisors involved in the joint supervision of doctoral students from other institutions:

- National joint supervision (completed during the period:11.05.2023- 04.09.2025): **13**



**DOCTORAL  
THESES  
DEFENDED**

In the 2024-2025 academic year, 30 doctoral theses were completed and defended.

■ Doctoral theses written and/or defended in Romanian: 20

■ Doctoral theses written and/or defended in foreign languages: 10 (33.33%)

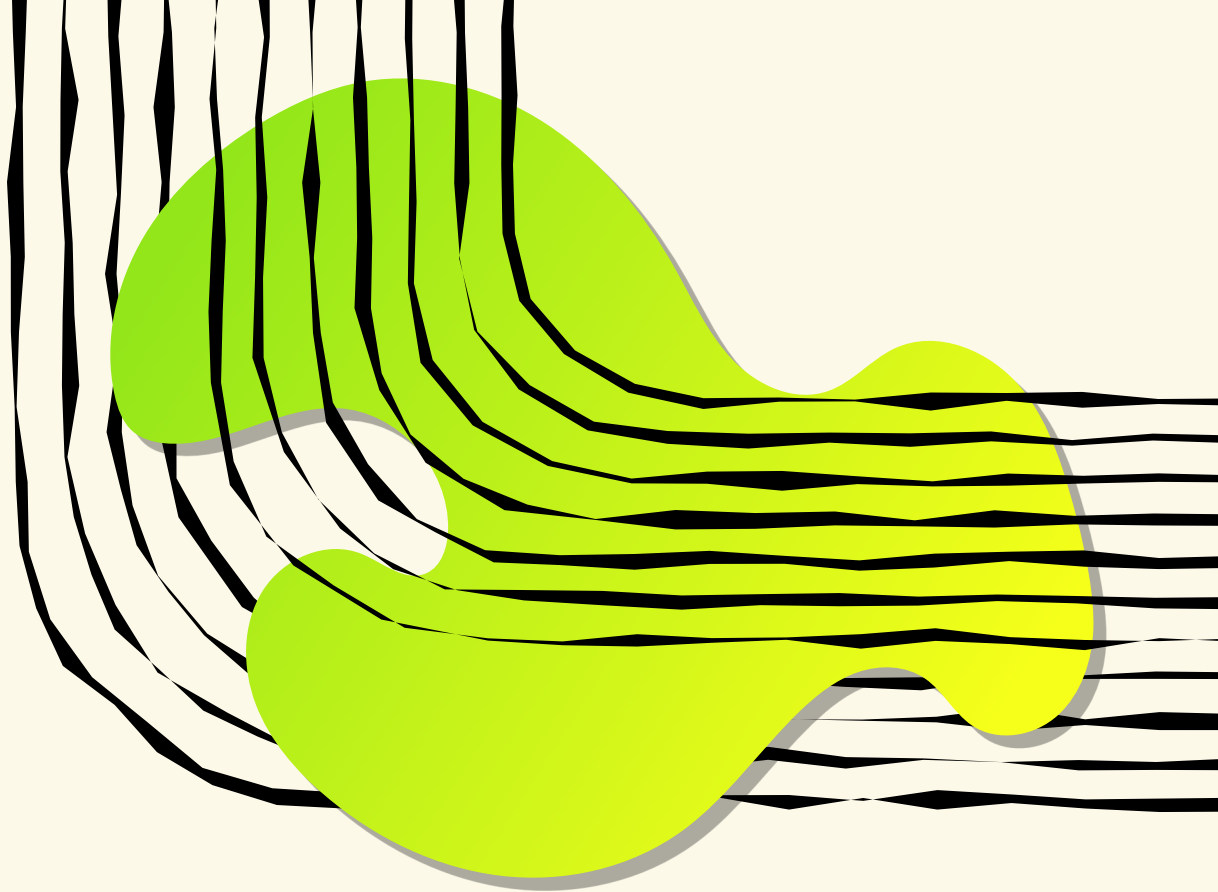
No.	DOCTORAL FIELD	TOTAL	RO	EN	FR
1	Computers and Information Technology	1		1	
2	Philology	1			1
3	Finance	2	1	1	
4	Computer Science				
5	Automotive Engineering				
6	Materials Engineering				
7	Environmental Engineering				
8	Systems Engineering				
9	Civil Engineering and Building Services	1	1		
10	Electrical Engineering	1	1		
11	Electronics, Telecommunications and Informational Technologies	2		2	
12	Forest Engineering	1	1		
13	Industrial Engineering	2	2		
14	Mechanical Engineering	4	3	1	
15	Engineering and Management	2	2		
16	Management				
17	Marketing				
18	Mathematics	3	1	2	
19	Mechatronics and Robotics				
20	Medicine	2	2		
21	Music	1	1		
22	Forestry	6	4	2	
23	Sociology				
24	Science of Sport and Physical Education	1	1		
		30	20	9	1

TITLE OF THESIS	DOCTORAL STUDENT'S NAME	SUPERVISOR'S NAME	DOCTORAL FIELD
VARIABILITATEA FENOTIPICA A FAGULUI DE-A LUNGUL UNUI PROFIL ALTITUDINAL	CIOCÎRLAN Mihnea-Ioan-Cezar	CURTU Alexandru Lucian	Silvicultură
CERCETĂRI PRIVIND ÎMBUNĂTĂȚIREA PERFORMANTELOR ÎN SCHIUL ALPİN PRIN SIMULARE ȘI ANALIZĂ VIDEO A ANTRENAMENTELOR	CĂTANĂ (BRUS) Denisa-Iulia	ENOIU Răzvan Sandu	Știința sportului și educației fizice
INOVAREA ȘI DEZVOLȚAREA ECONOMICĂ REGIONALĂ PRIN FINANȚĂRI ȘI FACILITĂȚI PENTRU ÎNTREPRINDERILE MICI ȘI MIJLOCII	STELEA Nicoleta	CALEFARIU Gavrilă	Inginerie și management
REMOTE SENSING DATA ANALYSIS FOR EARTH OBSERVATION APPLICATIONS *	MARANDSKIY Kamal	IVANOVICI Mihai DEL FRATE Fabio	Inginerie electronică, telecomunicații și tehnologii informaționale
LA QUALITÉ DU PRODUIT SÉMANTIQUE DE L'INTELLIGENCE ARTIFICIELLE DANS LA TRADUCTION DES TEXTES DE VULGARISATION SCIENTIFIQUE **	GHIȚĂ Andreea	MATEI Alexandru BERBINSKI Sonia	Filologie
CYBER SECURITY CHALLENGES FOR IOT-BASED SMART RENEWABLE ENERGY NETWORKS *	REKERHO Alexandre	COTFAS Daniel Tudor	Inginerie electronică, telecomunicații și tehnologii informaționale
CERCETĂRI PRIVIND COMPORTAMENTUL LA USCARE AL CHERESTELEI DIN LEMN DE CER (QUERCUS CERRIS L.)	DEACONU Iulia-Teodora	CÂMPEAN Mihaela	Inginerie forestieră
CONTRIBUȚII LA CREȘTEREA EFICIENȚEI COLĂCȚOARELOR SOLARE	VĂRDARU Gheorghe Alexandru	HUMINIC Gabriela	Inginerie mecanică
IMPLICAȚII STRATEGICE ALE INTELIGENȚEI ARTIFICIALE ASUPRA OPTIMIZĂRII SISTEMELOR LOGISTICE	TOTH Zsolt	BOȘCOIANU Mircea	Inginerie și management
CERCETĂRI PRIVIND UTILIZAREA CĂMERELOR FOTOGRAFICE (PHOTO TRAP CAMERA) ÎN ESTIMAREA MĂRIMII POPULAȚIILOR DE MAMIFERE MARI	MIREA Ion	IONESCU Ovidiu	Silvicultură
ASPECTE PRIVIND ECOLOGIA CERBULUI LOPĂȚAR ÎN CÂMPIA DE VEST A ROMÂNIEI	POPOVICI Dan Cornel	IONESCU Ovidiu	Silvicultură
UNGULATE BROWSING IN OAK STANDS IN WESTERN ROMANIA AND UNGULATE DYNAMICS IN EUROPE *	HĂRDĂLĂU Darius George	IONESCU Ovidiu	Silvicultură
DETERMINANTS OF THE PUBLIC DEBT IN THE EUROPEAN UNION COUNTRIES AND ITS SUSTAINABILITY AMID THE ECONOMIC CRISIS *	EL-NASER Asmaa	DINCĂ Gheorghiza	Finanțe

INSTRUMENTE MODERNE DE ANALIZĂ A RELĂȚIEI DINTRE SENTIMENTELE PIEȚEI DE CAPITAL ȘI COMPORTAMENTUL ÎNVEȘTITORILOR	ȚĂBĂRĂ Genia Iulia	DINCĂ Gheorghiuța	Finanțe
ELEMENTE DE DANS ÎN CREAȚIA LUI J. S. BACH	BERCU Alina Elena	DRĂGULIN Stela	Muzică
ADDRESSING CYBERSECURITY CONCERNS IN VIRTUAL REALITY APPLICATIONS *	ACHEAMPONG Rebecca	POPOVICI Dorin Mircea	Calculatoare și tehnologia informației
LIGHTWEIGHT STRUCTURES FOR BALLISTIC PROTECTION *	JITARAȘU Octavian	LACHE Simona	Inginerie mecanică
CONTRIBUTIONS TO CONSTRUCTIVE APPROXIMATION THEORY *	VASIAN Bianca Ioana	PĂLTĂNEA Radu	Matematică
STUDIES ON POSITIVE LINEAR OPERATORS *	GAROIU Ștefan Lucian	PĂLTĂNEA Radu	Matematică
CONTRIBUȚII LA OPTIMIZAREA ENERGETICĂ A MOTOARELOR TERMICE	MAZILU Adrian Ștefan	SANDU Veneția	Inginerie mecanică
MONITORIZAREA ȘI CONTROLUL INDICATORILOR DE PERFORMANȚĂ DIN SISTEMUL URBAN DE ALIMENTARE CU APĂ POTABILĂ	COJANU Vlad	HELEREA Elena	Inginerie electrică
GENERALIZĂRI ALE MEDIILOR TERMOELASTICE	FUDULU Iana Mihaela	MARIN Marin	Matematică
CARACTERISTICI STRUCTURALE ȘI AUXOLOGICE ALE ARBORETELOR DE PIN INSTALATE PE TERENURILE DEGRADATE SIN SUBCARPAȚII DE CURBURĂ ȘI EVALUAREA UNOR INDICĂTORI DE NATURĂ FIZICO-MECANICĂ AI LEMNULUI	TUDOR Ciprian	BADEA Nicolae Ovidiu	Silvicultură
ROLUL PRECONDITIONĂRII ÎSCHEMICE LA PACIENȚII SUPUȘI REVAȘCULARIZĂRII CHIRURGICALE	LUCA Cezar Dumitrel	ȚÎNȚ Diana	Medicină
DISFUNȚIA ENDOTELIALĂ ȘI MODIFICĂRILE TONSULUI AUTONOM LA PACIENȚII CU BOALĂ CARDIACĂ ÎSCHEMICĂ	CRÎȘAN (BOIERIU) Alexandra Maria	ȚÎNȚ Diana	Medicină
EVALUAREA RISCURILOR ERGONOMICE SPECIFICE DOMENIULUI INDUSTRIAL	ISPĂȘOIU Adrian	MILOȘAN Ioan	Inginerie industrială
MONITORIZAREA ȘI OPTIMIZAREA PARAMETRIILOR PROCESELOR DE MICROPERFORARE CU LASER ȘI SUDURĂ PENTRU ASIGURAREA FUNCȚIONALITĂȚII NOMINALE A AIRBAGULUI	RUSU Alexandru	DUMITRAȘCU Adela-Eliza	Inginerie industrială
MODELAREA NUMERICĂ A TERENULUI PENTRU COMBATAREA ÎNUNDAȚIILOR DIN ZONA DOBROGEI DE NORD	CERNEAGĂ Constantin	MAFTEI Carmen-Elena	Inginerie civilă și instalații

APPLICATION OF DEEP LEARNING AND COMPUTER VISION TECHNIQUES FOR POSTURAL CLASSIFICATION OF FOREST OPERATIONS USING THE OWAS METHOD *	FORKURO Gabriel Osei	BORZ Stelian- Alexandru	Silvicultură
CERCETĂRI TEORETICE ȘI EXPERIMENTALE PRIVIND MONITORIZAREA FUNCȚIEI VIZUALE	LAZĂR Alexandra- Maria	BARITZ Mihaela- Ioana	Inginerie mecanică





**WEB OF SCIENCE  
PUBLICATIONS**

In 2025, doctoral students published **208** WoS-indexed articles and reviews (an increase of 62% compared to 2024), authored as follows\*:

- 172 articles and reviews – doctoral students and doctoral supervisors, as co-authors;
- 31 articles and reviews – doctoral students with other co-authors;
- 5 articles – doctoral students as sole authors.

DOCTORAL FIELD	NO. OF ARTICLES AND REVIEWS (DOCTORAL STUDENT & SUPERVISOR)	NO. OF ARTICLES AND REVIEWS (DOCTORAL STUDENT AS SOLE OR CO-AUTHOR)
Computers and Information Technology	8	1
Philology	1	1
Finance	13	3
Computer Science	1	
Automotive Engineering		
Materials Engineering	3	
Environmental Engineering		
Systems Engineering	1	
Civil Engineering and Building Services	1	5
Electrical Engineering	2	
Electronics, Telecommunications and Informational Technologies	14	
Forest Engineering	7	1
Industrial Engineering	12	
Mechanical Engineering	9	1
Engineering and Management	6	2
Management		
Marketing	4	
Mathematics	12	4
Mechatronics and Robotics	1	
Medicine	45	8
Music	7	3
Forestry	39	6
Sociology	3	1
Science of Sport and Physical Education	4	

\*Publications with authors from several doctoral fields are included in the statistics of each field.

Doctoral supervisors published **569** WoS indexed articles and reviews in (an increase of 46% compared to 2024)

DOCTORAL FIELD	TOTAL NO. OF DOCTORAL SUPERVISORS (OCTOBER 1)	NO. OF SUPERVISORS WITH WOS ARTICLES AND REVIEWS	NO. OF WOS ARTICLES AND REVIEWS
Computers and Information Technology	5	4	11
Philology	11	4	6
Finance	5	4	15
Computer Science	5	4	15
Automotive Engineering	5	3	6
Materials Engineering	16	9	21
Environmental Engineering	4	4	4
Systems Engineering	3	2	2
Civil Engineering and Building Services	4	2	23
Electrical Engineering	6	2	2
Electronics, Telecommunications and Informational Technologies	7	7	27
Forest Engineering	8	6	17
Industrial Engineering	17	12	29
Mechanical Engineering	36	20	48
Mechanical Engineering	9	4	13
Management	3	2	3
Marketing	9	8	12
Mathematics	7	6	143
Mechatronics and Robotics	3	1	1
Medicine	21	16	95
Music	6	4	12
Forestry	23	17	70
Sociology	4	4	8
Science of Sport and Physical Education	5	4	23
	<b>222</b>	<b>149</b>	<b>606</b>

\*Publications with authors from several doctoral fields are included in the statistics of each field.

List of WoS - indexed articles

No.	Article title	Journal	Impact factor 2025	Total no. of authors	No. of UNITBV authors
1	Recycling waste materials in construction: Mechanical properties and predictive modeling of Waste-Derived cement substitutes	WASTE MANAGEMENT BULLETIN	0,000	1	1
2	Marble Powder as a Sustainable Cement Replacement: A Review of Mechanical Properties	SUSTAINABILITY	3,300	2	2
3	The Effectiveness of Different Additives on Concrete's Freeze-Thaw Durability: A Review	MATERIALS	3,200	2	2
4	Predicting mechanical properties of marble powder concrete using artificial neural networks and blockchain-rock for sustainable construction	FRONTIERS IN BUILT ENVIRONMENT	2,700	2	2
5	The invariant measure for an at most countable topological generalized iterated function system	JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS	1,200	1	1
6	Balancing usability, user experience, security and privacy in XR systems: a multidimensional approach	INTERNATIONAL JOURNAL OF INFORMATION SECURITY	3,200	6	5
7	A Cybersecurity Risk Assessment for Enhanced Security in Virtual Reality	INFORMATION	2,900	5	5
8	Enhancing Security and Authenticity in Immersive Environments	INFORMATION	2,900	5	5
9	Assessment of Urban and Peri-Urban Green Infrastructure Patterns Using Morphological Spatial Pattern Analysis and Satellite Imagery: Case Studies of Brasov and Oradea, Romania	IEEE JOURNAL OF SELECTED TOPICS IN APPLIED EARTH OBSERVATIONS AND REMOTE SENSING	5,300	4	2
10	The Role of the Industrial IoT in Advancing Electric Vehicle Technology: A Review	APPLIED SCIENCES-BASEL	2,500	4	4
11	Neuropsychiatric Symptoms and Use of Psychotropics in the Last Week of Life in Patients with Advanced Cancer	BRAIN-BROAD RESEARCH IN ARTIFICIAL INTELLIGENCE AND NEUROSCIENCE	0,500	3	2
12	Healthcare Providers' Perspectives on the Communication Challenges When Discussing Palliative Sedation: A Qualitative Study Across Eight European Countries	JOURNAL OF CLINICAL MEDICINE	2,900	13	2
13	Patterns for End-of-Life Care of Patients With Advanced Cancer: An Integrative Review	AMERICAN JOURNAL OF THERAPEUTICS	2,500	6	5
14	Surface Quality of CNC Face-Milled Maple ( <i>Acer pseudoplatanus</i> ) and Oak ( <i>Quercus robur</i> ) Using Two End-Mill Tool Types and Varying Processing Parameters	APPLIED SCIENCES-BASEL	2,500	3	3
15	Some Fixed Point Theorems in the Framework of F-metric Spaces	FIXED POINT THEORY	1,100	1	1
16	On the fractal operator of a mixed possibly infinite iterated function system	REVISTA DE LA REAL ACADEMIA DE CIENCIAS EXACTAS FISICAS Y NATURALES SERIE A-MATEMATICAS	1,600	3	2

17	Covers of Fractal Interpolation Surfaces with Finite Families of Octahedrons	MEDITERRANEAN JOURNAL OF MATHEMATICS	1,200	2	2
18	The Canonical Projection Associated with a Mixed Possibly Infinite Iterated Function System	RESULTS IN MATHEMATICS	1,200	3	2
19	On the range of fractal interpolation functions	RENDICONTI DEL CIRCOLO MATEMATICO DI PALERMO	0,900	3	2
20	Perspectives on Integrating Risk Management and Sustainability for Financial Performance: A Systematic Literature Review	SUSTAINABILITY	3,300	3	3
21	Enhancing Roundabout Efficiency Through Autonomous Vehicle Coordination	VEHICLES	2,200	3	2
22	Sustainability Reporting and Environmental Responsibility: The Case of Romania	ADMINISTRATIVE SCIENCES	3,400	5	4
23	Population Dynamics and Reintroduction Strategies for the Alpine Marmot in Romania	ANIMALS	2,700	6	3
24	DACIA5: a Sentinel-1 and Sentinel-2 dataset for agricultural crop identification applications	BIG EARTH DATA	3,800	18	13
25	Smart 3D-printed facades: a review of innovations, materials, and sustainable performance	FRONTIERS IN SUSTAINABLE CITIES	2,100	7	6
26	A Systematic Review of Reporting Adverse Effects Associated With Transcranial Direct Current Stimulation in Chronic Pain	AMERICAN JOURNAL OF THERAPEUTICS	2,500	2	2
27	Hybrid Salp Swarm-Gaining And Sharing Knowledge (Ssa-Gsk) Metaheuristic Algorithm For Extracting Photovoltaic Cell Parameters	ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL	0,900	4	4
28	Testing the Radial Increment and Climate-Growth Relationship Between Swiss Stone Pine European Provenances in the Romanian Carpathians	FORESTS	2,500	3	1
29	The Role of CT Perfusion in the Evaluation and Management of Acute Ischemic Stroke-A Systematic Review	LIFE-BASEL	3,400	6	2
30	Intra- and inter-rater reliability in log volume estimation based on LiDAR data and shape reconstruction algorithms: a case study on poplar logs	FRONTIERS IN REMOTE SENSING	3,700	2	2
31	Accuracy of a Novel Smartphone-Based Log Measurement App in the Prototyping Phase	SENSORS	3,500	5	3
32	Sustainable Strategies to Reduce Logistics Costs Based on Cross-Docking-The Case of Emerging European Markets	SUSTAINABILITY	3,300	3	3
33	Detection of Adulteration and Contaminants in Raw Milk from Small-Scale Farms in Transylvania Using Advanced Analytical Techniques	BULLETIN OF UNI. OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ-NAPOCA-FOOD SCIENCE AND TECHNOLOGY	0,300	6	5
34	OptiPath: A Multidimensional Educational Platform for Enhancing Technical Skills in Alpine Skiing	REVISTA ROMANEASCA PENTRU EDUCATIE MULTIDIMENSIONALA	0,400	2	2
35	Uncovering Emotional and Identity-Driven Dimensions of Entertainment Consumption in a Transitional Digital Culture	BEHAVIORAL SCIENCES	2,500	6	6

36	Cyber, Geopolitical, and Financial Risks in Rare Earth Markets: Drivers of Market Volatility	RISKS	1,500	3	3
37	Assessing and Mapping Forest Fire Vulnerability in Romania Using Maximum Entropy and eXtreme Gradient Boosting	FORESTS	2,500	8	2
38	Influence of 3D Printing Parameters on the Mechanical Properties for Numerical Simulation of the Poly (Lactic Acid)	POLYMERS	4,900	4	4
39	Nursing Mental Health Issues: Prospective Pathways Forward from a Comprehensive Review of Impacts Before and Throughout COVID19	REVISTA ROMANEASCA PENTRU EDUCATIE MULTIDIMENSIONALA	0,400	6	5
40	Improving the Mental Health of Nursing Staff Seen from the Perspective of Staff a Preliminary Study	MEDICINA-LITHUANIA	2,400	7	5
41	Medical Brain Drain in Albania: Migration Attitudes Among Medical and Nursing Students	NURSING REPORTS	2,000	8	5
42	Beyond the Pandemic: Mental Health and Eight Dimensions of Wellness Among Nurses in Two Regional Hospitals in Albania	HEALTHCARE	2,700	6	5
43	Barriers to Effective Self-Care Among Newly Diagnosed Patients With Type 2 Diabetes: A Real-life Experience From a Developing Country	AMERICAN JOURNAL OF THERAPEUTICS	2,500	7	5
44	Advancements in Sonication-Based Extraction Techniques for Ovarian Follicular Fluid Analysis: Implications for Infertility Diagnostics and Assisted Reproductive Technologies	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	4,900	8	2
45	Compact spacelike submanifolds in non-negatively curved pseudo-Riemannian space forms	PERIODICA MATHEMATICA HUNGARICA	0,500	4	2
46	Geometry of the statistical spacelike hypersurfaces of the GRW spacetimes	FILOMAT	0,900	6	2
47	Genetic diversity and fine-scale spatial genetic structure of European beech populations along an elevational gradient	HEREDITY	3,900	11	3
48	Wood Loss in the Felling and Cross-Cutting of Trees from Spruce Stands Affected by Windthrow in the Curvature Carpathians	FORESTS	2,500	2	2
49	Implementing Acute Stroke Services in Sub-Saharan Africa: Steps, Progress, and Perspectives from the Tanzania Stroke Project	CEREBROVASCULAR DISEASES EXTRA	2,100	46	1
50	Developing a Sustainable Cultural Brand for Tourist Cities: Insights from Cultural Managers and the Gen Z Community in Brasov, Romania	SUSTAINABILITY	3,300	2	2
51	Socio-Economic Drivers of Ecosystem Service Recognition in Kakamega Forest, Kenya	FORESTS	2,500	8	7
52	Exploring Perceptions and Experiences of Patients Undergoing Transcranial Magnetic Stimulation (TMS) for Depression and Adjustment Disorder in Romanian Private Practices	MEDICINA-LITHUANIA	2,400	5	4
53	National And Modern in the Music of Serbian Composers from the First Half of the 20TH Century	STUDIA UNIVERSITATIS BABES-BOLYAI MUSICA	0,100	2	2

54	Sulbactam-Durlobactam for Carbapenem-Resistant Acinetobacter baumannii-calcoaceticus Complex Infections	AMERICAN JOURNAL OF THERAPEUTICS	2,500	5	2
55	Parameter Extraction of Photovoltaic Cells and Panels Using a PID-Based Metaheuristic Algorithm	APPLIED SCIENCES-BASEL	2,500	4	3
56	Smart Design and Deployment of Standalone PV System in Mountain Area in Romania	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	4,200	3	3
57	Advancements in buildings integration of the photovoltaic cells and thermoelectric modules	ENERGY STRATEGY REVIEWS	9,900	5	5
58	Polyunsaturated Fatty Acids Improved Long Term Prognosis by Reducing Oxidative Stress, Inflammation, and Endothelial Dysfunction in Acute Coronary Syndromes	MARINE DRUGS	5,400	8	7
59	Endothelial Dysfunction and Oxidative Stress in Patients with Severe Coronary Artery Disease: Does Diabetes Play a Contributing Role?	MEDICINA-LITHUANIA	2,400	5	5
60	Flow Mediated Dilation and Its Correlation with Coronary and Systemic Atherosclerosis in Patients Scheduled for Surgical Myocardial Revascularization	RESEARCH REPORTS IN CLINICAL CARDIOLOGY	0,500	3	3
61	From Barthel-Randers-Kropina Geometries to the Accelerating Universe: A Brief Review of Recent Advances in Finslerian Cosmology	UNIVERSE	2,600	7	1
62	Educational Approach to Testing with New Technology in Junior Javelin Throwing	REVISTA ROMANEASCA PENTRU EDUCATIE MULTIDIMENSIONALA	0,400	3	3
63	Stylistic-Interpretative Aspects In The Musical Repertoire Specific To Baroque Vocal Singing	STUDIA UNIVERSITATIS BABES-BOLYAI MUSICA	0,100	2	2
64	Representations of Divinity Among Romanian Senior Students in Orthodox Theology Vocational High School	RELIGIONS	0,600	2	2
65	Sleep Disturbances and Pain Subtypes in Parkinson's Disease	MEDICINA-LITHUANIA	2,400	4	4
66	Integrative Phenotyping of Knee Osteoarthritis: Linking WOMAC Cut-Offs, Kellgren-Lawrence Grades, and Cluster Analysis for Personalized Care	LIFE-BASEL	3,400	8	7
67	Crisis as a Catalyst: Difference-in-Differences Evidence on Digital Public Service Transformation in the European Union	ADMINISTRATIVE SCIENCES	3,400	3	2
68	Renewable Energy Transitions in the EU: A Comparative Panel Data Perspective	ENERGIES	3,200	3	3
69	The Role of Climate-Oriented Funding in Advancing Renewable Energy Transition Across the EU	ENERGIES	3,200	3	3
70	Perceptions of Corruption, Inequality, and the Fragility of Prosperity in Europe	ECONOMIES	2,100	2	2
71	Estimating the Impact of ESG on Financial Forecast Predictability Using Machine Learning Models	INTERNATIONAL JOURNAL OF FINANCIAL STUDIES	2,200	3	3
72	Evolution and Key Differences in Maturity Models for Industrial Digital Transformation: Focus on Industry 4.0 and 5.0	SUSTAINABILITY	3,300	3	2
73	Mechatronic System for Maintaining the Homogeneity of Injectable Drugs in Syringe Pumps	APPLIED SCIENCES-BASEL	2,500	2	2

74	Harpsichord Or Piano? Development Of Bach's Italian Concerto Bwv 971 Performance In Modern Musical Practice	STUDIA UNIVERSITATIS BABES-BOLYAI MUSICA	0,100	2	2
75	Mixing Techniques: Between Technical Precision And Artistic Intent	STUDIA UNIVERSITATIS BABES-BOLYAI MUSICA	0,100	2	2
76	Wood measurement at the factory gate: a comparison study to evaluate the accuracy of a state-of-the-art digital truckload measurement system	ANNALS OF FOREST RESEARCH	2,900	2	2
77	Investigating the Determinants of Public Debt Sustainability for European Union Countries	SCIENTIFIC ANNALS OF ECONOMICS AND BUSINESS	0,800	3	3
78	Investing decisions and life satisfaction for the elderly investors	COGENT ECONOMICS & FINANCE	2,500	2	2
79	Dynamics And Determinants Of Stock Liquidity In European Equity Markets	ROMANIAN JOURNAL OF ECONOMIC FORECASTING	1,000	2	2
80	Assessing the Impact of Motor and Coordinative Skills on Vaulting Performance in Junior Gymnasts	REVISTA ROMANEASCA PENTRU EDUCATIE MULTIDIMENSIONALA	0,400	3	3
81	Trophic Interactions Are Key to Understanding the Effects of Global Change on the Distribution and Functional Role of the Brown Bear	GLOBAL CHANGE BIOLOGY	12,000	87	4
82	Comparing Blind Image Quality Metrics for Reliable Image Assessment	IEEE ACCESS	3,600	4	4
83	Detecting Severity and Extent of Soil Disturbance in Forest Operations Using Mobile LiDAR Technology	CROATIAN JOURNAL OF FOREST ENGINEERING	2,100	3	2
84	Postural Classification by Image Embedding and Transfer Learning: An Example of Using the OWAS Method in Motor-Manual Work to Automate the Process and Save Resources	FORESTS	2,500	4	3
85	Human and Machine Reliability in Postural Assessment of Forest Operations by OWAS Method: Level of Agreement and Time Resources	FORESTS	2,500	5	3
86	Informal economy and environmental degradation in developing countries: the conditioning role of institutional quality	FRONTIERS IN ENVIRONMENTAL SCIENCE	3,700	8	1
87	Investments in the green transition and their impact on economic growth and competitiveness in the European Union	OECOMOMIA COPERNICANA	10,800	6	1
88	A Mysterious Forgotten Instrument: The Violoncello Da Spalla, A Cello For Violinists	STUDIA UNIVERSITATIS BABES-BOLYAI MUSICA	0,100	1	1
89	Advances in the Detection and Management of Organophosphate Poisoning	AMERICAN JOURNAL OF THERAPEUTICS	2,500	4	4
90	Moisture Behaviour of Glulam Made from Mixed Species	APPLIED SCIENCES-BASEL	2,500	6	6
91	Optimal tuning of PID controllers focused on energy efficiency in a multivariable and coupled system. Case study: An AHU in the biopharmaceutical industry	APPLIED THERMAL ENGINEERING	6,900	6	4

92	A Voronovskaya type theorem associated to geometric series of Bernstein- Durrmeyer operators	CARPATHIAN JOURNAL OF MATHEMATICS	1,100	1	1
93	Sustainability of Supply Chains Through Digitalization: A Study on the Romanian Restaurant Industry	SUSTAINABILITY	3,300	4	4
94	Original Personalized Reconstruction Method for Certain Large Tumors of the Lower Lip (Not Including Oral Commissures)	MEDICINA-LITHUANIA	2,400	10	9
95	Inverse RL Scene Dynamics Learning for Nonlinear Predictive Control in Autonomous Vehicles	IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS	8,900	2	2
96	Study of plane boundary value problems in the asymmetric elasticity theory	CONTINUUM MECHANICS AND THERMODYNAMICS	2,200	3	3
97	Insights in Managing Ungulates Population and Forest Sustainability in Romania	DIVERSITY-BASEL	2,100	8	6
98	Bite by Bite: How Ungulate Browsing Shapes North America's Forest Future	FORESTS	2,500	8	3
99	Blunt Renal Trauma: A 6-Year Retrospective Review in a Single Institution	MEDICINA-LITHUANIA	2,400	7	7
100	Optimization of Pulsed Laser Cladding for Reconditioning of Ni-Al-Bronze (NAB) Marine Propeller	MATERIALS	3,200	5	5
101	The Harpsichord As An Aesthetic Legacy Of Beethovens Early Piano Sonatas	STUDIA UNIVERSITATIS BABES-BOLYAI MUSICA	0,100	2	2
102	The Ecological Impacts and Modeling of the Beaver Dam Distribution: A Study on Habitat Characteristics and Environmental Factors in Romania	ECOLOGIES	1,900	7	3
103	Spatial Forecasting and Social Acceptance of Human-Wildlife Conflicts Involving Semi-Aquatic Species in Romania	DIVERSITY-BASEL	2,100	7	2
104	Tracking population trends: Insights from deer hunting harvests in the Baltics, Central, and Eastern Europe	CENTRAL EUROPEAN FORESTRY JOURNAL	1,000	8	5
105	Polypharmacy Intervention Studies in Older Adults: Challenges in Proving Benefits in Hard Clinical Outcomes	AMERICAN JOURNAL OF THERAPEUTICS	2,500	4	3
106	Integration of ANN and RSM to Optimize the Sawing Process of Wood by Circular Saw Blades	APPLIED SCIENCES-BASEL	2,500	4	4
107	A Risk Assessment Method for Narrow Spaces with Low Height	APPLIED SCIENCES-BASEL	2,500	5	5
108	Improving National Forest Mapping in Romania Using Machine Learning and Sentinel-2 Multispectral Imagery	REMOTE SENSING	4,100	4	4
109	Self-Care Behaviors, Health Indicators, and Quality of Life: A Comprehensive Study in Newly Diagnosed Type 2 Diabetes Patients	NURSING REPORTS	2,000	6	5
110	Safety and Efficacy of Telemedicine for Patients With Advanced Cancer in the Outpatient Setting: Lessons Learned From a Pilot Trial	AMERICAN JOURNAL OF THERAPEUTICS	2,500	3	2
111	HPV vaccine-related myths encountered in Romanian clinical practice: a cross-sectional survey of family doctors	GERMS	1,700	19	1

112	Therapeutic Advances in Rectal Cancer	AMERICAN JOURNAL OF THERAPEUTICS	2,500	5	5
113	A literature review of influenza chemoprophylaxis and treatment in children	GERMS	1,700	5	5
114	Pneumatically Actuated Rehabilitation Equipment for the Sagittal and Frontal Plane Movements of the Neck Joint	TECHNOLOGIES	3,600	3	3
115	A spatial decay estimates for a thermoelastic Cosserat body without energy dissipation	JOURNAL OF COMPUTATIONAL APPLIED MECHANICS	1,800	4	3
116	A study of a thermoelastic body possessing microtemperatures	CONTINUUM MECHANICS AND THERMODYNAMICS	2,200	5	3
117	3D Generative Techniques and Visualization: A Brief Survey	INTERNATIONAL JOURNAL OF COMPUTERS COM. & CONTROL	1,900	2	2
118	Single-Center Comparative Evaluation of Freehand Transperineal and Transrectal Prostate Biopsy Techniques Performed Under Local Anesthesia	DIAGNOSTICS	3,300	12	7
119	The Impact of Ureteral Stent Indwelling Duration on Encrustation Degree and Extraction Difficulty: A Retrospective Study	JOURNAL OF CLINICAL MEDICINE	2,900	10	5
120	White matter quantitative anomalies and clinical outcome in drug-resistant epilepsies	PSYCHORADIOLOGY	2,900	5	1
121	Therapeutic Advances in Drug-Resistant Epilepsy	AMERICAN JOURNAL OF THERAPEUTICS	2,500	4	2
122	Properties of Insulation-Type Green Composite Panels Manufactured from Recycled Cardboard	APPLIED SCIENCES-BASEL	2,500	4	3
123	Properties of Green Foam-Type Composites Made from Recycled Paper and Cardboard	RECYCLING	4,600	6	6
124	Sustainable Thermal and Acoustic Insulating Panels from Recycled Cardboard	BIORESOURCES	1,600	4	4
125	Performance of Carbon Fiber-Reinforced Date Palm Midrib Composites	FIBERS	3,900	6	6
126	T-relational Generalized Iterated Function Systems	CHAOS SOLITONS & FRACTALS	5,600	3	2
127	Luigi Nono's Il Canto Sospeso - A Modern Representation Of Sacrifice	STUDIA UNIVERSITATIS BABES-BOLYAI MUSICA	0,100	2	1
128	Pediatric Pleural Effusion and Pneumococcal Vaccination Trends in the Pre- and Post-COVID Era: A Single-Centre Retrospective Study	CHILDREN-BASEL	2,100	8	4
129	A Comparative Analysis of UAV LiDAR and Mobile Laser Scanning for Tree Height and DBH Estimation in a Structurally Complex, Mixed-Species Natural Forest	FORESTS	2,500	5	5
130	Development of Novel Predictive Scores for Obstetrical Risk Stratification in Adolescent Pregnancies: A Retrospective Study	JOURNAL OF CLINICAL MEDICINE	2,900	6	6
131	Hybrid Topology Optimization of a Concrete Structure via Finite Element Analysis and Deep Learning Surrogates	CIVILENG	2,000	4	4

132	Accuracy and time efficiency of a new app developed to source and map single tree data: A comparison to state-of-art LiDAR data collectors in terms of basal area estimates	ECOLOGICAL INFORMATICS	7,300	4	2
133	Predictive modelling of concrete tensile strength using ANN and Supplementary Cementitious Materials (SCMs)	CONSTRUCTION AND BUILDING MATERIALS	8,000	2	2
134	Control of a Single-Phase Islanded Microgrid Based on Virtual Oscillator Control Enhanced With Power Limitation and Robust Distributed Secondary Control	IEEE OPEN JOURNAL OF THE INDUSTRIAL ELECTRONICS SOCIETY	4,300	2	2
135	Monitoring And Control Software For A Standalone House Supply System	REVUE ROUMAINE DES SCIENCES TECHNIQUES-SERIE ELECTROTECHNIQUE ET ENERGETIQUE	1,100	3	3
136	Ethical Dilemmas and Legal Responsibilities in Patient Care: An Analysis of Hospital Safety	HEALTHCARE	2,700	3	3
137	Wave propagation in dipolar thermoelastic bodies with hyperbolic two-temperature effects: a modified Green-Lindsay approach	BOUNDARY VALUE PROBLEMS	1,700	2	2
138	Island Pedicle Flaps as a Suitable Method of Treatment in the Defects of the Non-Weight-Bearing Part of the Heel	SURGICAL TECHNIQUES DEVELOPMENT	0,300	6	5
139	Assessing and bridging the gap in vaccinology education: insights from Romanian medical universities	BMC MEDICAL EDUCATION	3,200	6	4
140	Intelligent Biosensors Based on Hyaluronic Acid Hydrogels for Monitoring Chronic Wound Healing with the Involvement of Artificial Intelligence	BIOSENSORS-BASEL	5,600	5	4
141	Enhancing forest inventory via a videogrammetry approach for robust 3D reconstruction: A study using Insta 360 Pro 2	ECOLOGICAL INFORMATICS	7,300	7	2
142	Morphological evolution and land cover changes in the Mures River riparian area over a century of anthropogenic pressure	ENVIRONMENTAL MONITORING AND ASSESSMENT	3,000	3	3
143	Lean And Sustainable Manufacturing In Aggregate Production: A Case Study	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	0,200	3	3
144	Reimagining Education for Growth: Linking Lifelong Learning, Inclusion, and Public Investment to Economic Performance in the European Union	EDUCATION SCIENCES	2,600	3	1
145	Ecosystem services values for local people in participatory forestry context: The case of karura urban forest reserve	TREES FORESTS AND PEOPLE	2,900	5	5
146	Local community perceptions on ecosystem services utilisation-implications for sustainable management of Kakamega Forest in Kenya	AGROFORESTRY SYSTEMS	2,200	8	6
147	Assessing spatial dynamics of GEDI biomass prediction in managed versus unmanaged tropical forest ecosystems in Kenya	ANNALS OF FOREST RESEARCH	2,900	5	5
148	Unlocking pathways to livelihood improvement through valuation of ecosystem services in Kakamega Forest, Kenya	TREES FORESTS AND PEOPLE	2,900	6	4
149	Balancing conservation and community needs: challenges, threats, and socioeconomic disparities in Kakamega Forest, Kenya	FRONTIERS IN FORESTS AND GLOBAL CHANGE	3,200	8	6

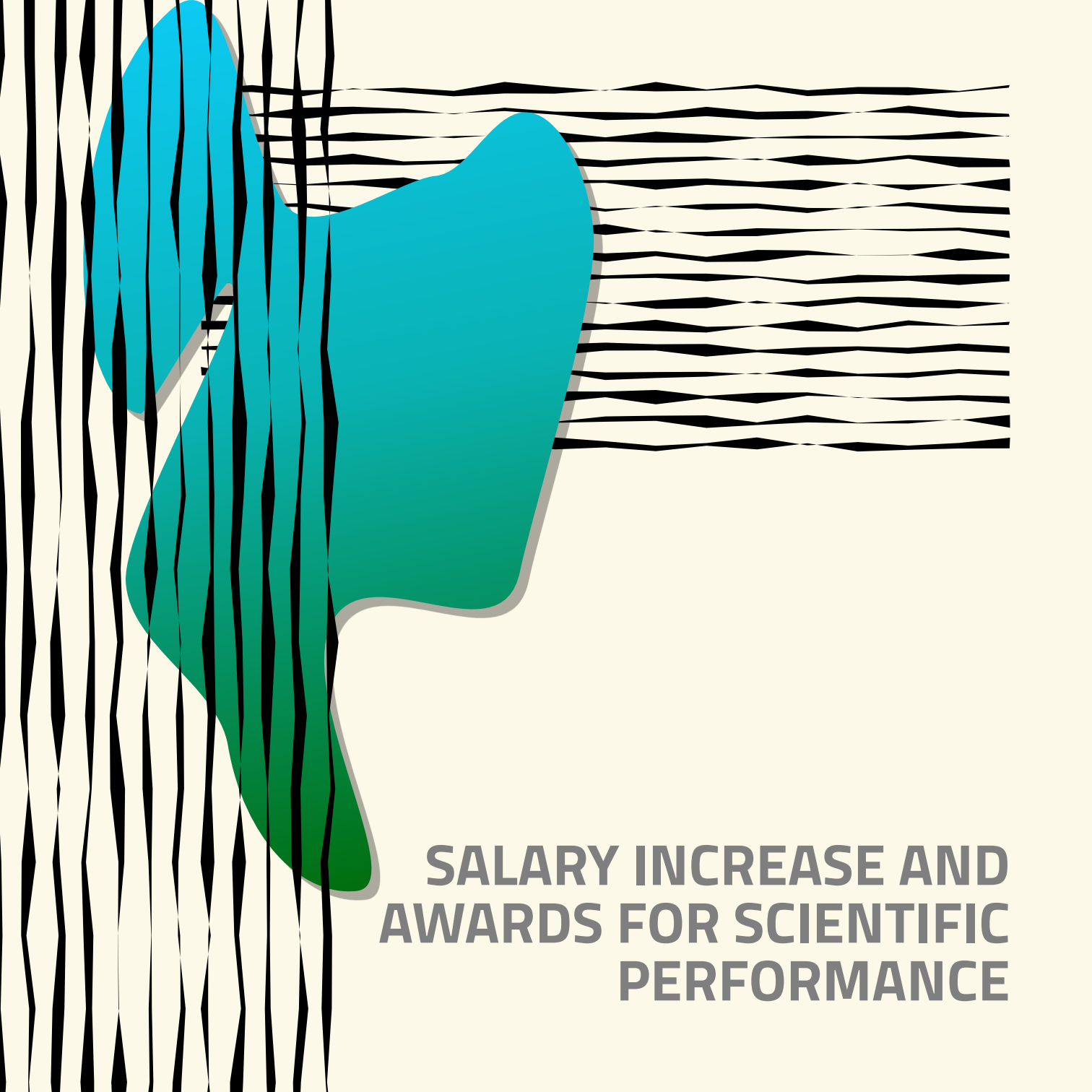
150	Double Weighted Second Order Modulus	RESULTS IN MATHEMATICS	1,200	2	2
151	Decarbonization Pathways in EU Manufacturing: A Principal Component and Cluster Analysis	SUSTAINABILITY	3,300	3	3
152	Molecular Findings Before Vision Loss in the Streptozotocin-Induced Rat Model of Diabetic Retinopathy	CURRENT ISSUES IN MOLECULAR BIOLOGY	3,000	4	1
153	Retrograde control of sympathetic neuron-satellite glia interactions by target-derived NGF signaling	CELL REPORTS	6,900	7	1
154	Effect of Laser Power on the Microstructure and Corrosion Resistance of NiCrBSi(Nb) Laser Clad Coatings	CRYSTALS	2,400	3	2
155	Assessing the Greenhouse Gas Mitigation Potential of Harvested Wood Products in Romania and Their Contribution to Achieving Climate Neutrality	SUSTAINABILITY	3,300	7	1
156	Structural features of Peles Park Forest: managing for ecosystem services provision	ANNALS OF FOREST RESEARCH	2,900	5	2
157	A single-tree approach to determine climate-growth patterns of European beech and their seasonality in the species southern distribution area	AGRICULTURAL AND FOREST METEOROLOGY	5,700	46	3
158	Socio-Economic Disparities in Pediatric Viral Gastroenteritis: A Comparative Study of Clinical Outcomes and Management in Hospitalized Children with Rotavirus, Adenovirus, and Norovirus Infections	CHILDREN-BASEL	2,100	7	6
159	Enhancing Polylactic Acid (PLA) Performance: A Review of Additives in Fused Deposition Modelling (FDM) Filaments	POLYMERS	4,900	4	4
160	Effect Of Process Parameters On The Compressive Behavior Of Pekk Parts Fabricated By Material Extrusion Additive Manufacturing	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	0,200	5	5
161	How are transitions from oncology to palliative care regulated across Europe? A grey literature review in eight countries: Pal-Cycles project	HEALTH POLICY	3,400	14	1
162	The Experience of Transition from Hospital to Community Care of Patients with Advanced Cancer: A Qualitative Narrative Review of Patients', Families' and Healthcare Professionals' Perspectives	SOCIAL SCIENCES-BASEL	1,700	3	3
163	Trends in Sudden Death Among Schizophrenia Inpatients	MEDICINA-LITHUANIA	2,400	5	5
164	What is behind the 17-year life expectancy gap between individuals with schizophrenia and the general population?	SCHIZOPHRENIA	4,100	5	5
165	Software Tool For Determining Of Metal Milling Parameters	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	0,200	2	2
166	Automatic selection of optimal TI for flow-independent dark-blood delayed-enhancement MRI	MAGNETIC RESONANCE IN MEDICINE	3,000	7	3
167	Linking Heart Function to Prognosis: The Role of a Novel Echocardiographic Index and NT-proBNP in Acute Heart Failure	MEDICINA-LITHUANIA	2,400	4	3

168	The VIRTUE Index: A Novel Echocardiographic Marker Integrating Right-Left Ventricular Hemodynamics in Acute Heart Failure	JOURNAL OF CLINICAL MEDICINE	2,900	4	3
169	European Wildcat ( <i>Felis Silvestris</i> ) As Reservoir Host Of <i>Trichinella</i> Britovi In Romania	REVISTA ROMANA DE MEDICINA VETERINARA	0,200	7	1
170	Molecular Detection Of The Protozoan <i>Toxoplasma Gondii</i> In Red Foxes ( <i>Vulpes Vulpes</i> ) In Romania: New Epidemiological Insights	REVISTA ROMANA DE MEDICINA VETERINARA	0,200	7	1
171	Tapeworms in an Apex Predator: First Molecular Identification of <i>Taenia krabbei</i> and <i>Taenia hydatigena</i> in Wolves ( <i>Canis lupus</i> ) from Romania	PATHOGENS	3,300	9	1
172	Insights into fallow deer population dynamics: Juvenile mortality in Arad County	ANNALS OF FOREST RESEARCH	2,900	6	4
173	Targeting Toward Optimal Inventory in Automotive Industry-An Analysis Based on Six Sigma Methodology	LOGISTICS-BASEL	3,600	3	3
174	Satisfaction Levels of Ambulatory Patients with the Quality of Nursing Care: Validation and Application of the Patient Satisfaction with Nursing Care Quality Questionnaire in Albania	NURSING REPORTS	2,000	5	5
175	Adherence Barriers, Patient Satisfaction, and Depression in Albanian Ambulatory Patients	HEALTHCARE	2,700	5	5
176	Marketing and Innovation in Tourism: An Analysis of Scientific Production in Scopus and WoS	SUSTAINABILITY	3,300	3	3
177	Cybersecurity Threat Modeling for IoT-Integrated Smart Solar Energy Systems: Strengthening Resilience for Global Energy Sustainability	SUSTAINABILITY	3,300	6	6
178	Virtual Reality Simulators in the Training Process for Forestry Operators: Current State-of-art, challenges, and Future Perspectives	CURRENT FORESTRY REPORTS	7,200	6	2
179	Edible Mushroom Cultivation in Liquid Medium: Impact of Microparticles and Advances in Control Systems	PROCESSES	2,800	8	6
180	Shopfloor Visualization-Oriented Digitalization of Heterogeneous Equipment for Sustainable Industrial Performance	SUSTAINABILITY	3,300	3	3
181	Structural Integrity Enhancement and Sustainable Machining Process Optimization for Anti-Lock Braking System Hydraulic Valve Blocks	MATERIALS	3,200	3	3
182	Development of an Application-Based Framework for Information Security Management in SMEs	SUSTAINABILITY	3,300	2	2
183	Public art and critical literacies of place: the case of the Petrila coal mine in Romania's Jiu Valley	HANDBOOK ON RURAL AND REMOTE EDUCATION	0,000	3	1
184	Evolution of the Fatigue Failure Prediction Process from Experiment to Artificial Intelligence: A Review	MATERIALS	3,200	3	3
185	Castigliano's Theorem In The Study Of Nonlinear Elastic Structural Elements With Power-Law Constitutive Model	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	0,200	4	4

186	Vancomycin Therapy Monitoring-The Gaps Between Guidelines and Clinical Practice	AMERICAN JOURNAL OF THERAPEUTICS	2,500	4	4
187	Review Of Methods For Determining The Location Of The Center Of Mass (Com) For The Human Body. Applying The Segmentation Method For Calculating Com	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	0,200	4	4
188	Identification of the Juvenile Wood Transition Age and of Some Growth Characteristics in Plantation vs. Native Populations of Cuban Pinus caribaea M. var. caribaea B&G	BIORESOURCES	1,600	4	4
189	Genetic parameters of Abies alba progenies from seed orchards and natural populations in Romania	ANNALS OF FOREST RESEARCH	2,900	5	1
190	Evaluating Douglas Fir's Provenances in Romania Through Multi-Trait Selection	PLANTS-BASEL	4,100	5	2
191	Variation in survival and stem quality of Douglas-fir provenances: Insights from 47-year-old common garden experiments in Romania	NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA	1,300	4	2
192	Cognitive Implications of Digital Tools in Music Practice and Performance	INFORMATION AND COMMUNICATION TECHNOLOGY IN MUSICAL FIELD	0,200	4	4
193	The Therapeutic Potential of Insulin Eye Drops in Neurotrophic Keratopathy: A Comprehensive Review	BIOMEDICINES	3,900	8	2
194	Dimensional and Numerical Approach to Heat Transfer in Structural Elements with a Symmetrical Cross Section	SYMMETRY-BASEL	2,200	6	4
195	Phoretic mite communities associated with Ips typographus and Ips duplicatus (Coleoptera: Scolytinae) in a Norway Spruce stand	EXPERIMENTAL AND APPLIED ACAROLGY	1,700	4	3
196	Influence Of Infill Density On Compressive Performances Of Pei 1010 Parts Manufactured By Fused Filament Fabrication Process	ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING	0,200	5	5
197	AI Integration in Fundamental Logistics Components: Advanced Theoretical Framework for Knowledge Process Capabilities and Dynamic Capabilities Hybridization	LOGISTICS-BASEL	3,600	3	3
198	Pine afforestation on degraded lands: a global review of carbon sequestration potential	FRONTIERS IN FORESTS AND GLOBAL CHANGE	3,200	7	2
199	Resource-Efficient Traffic Classification Using Feature Selection for Message Queuing Telemetry Transport-Internet of Things Network-Based Security Attacks	APPLIED SCIENCES-BASEL	2,500	6	5
200	A Relationship Between Atrial Fibrillation and Dizziness	JOURNAL OF CLINICAL MEDICINE	2,900	6	6
201	mHealth Case Study Presenting Design SynMeth, a Rapid Prototyping MBSE Methodology, by Advancing Specific OPM-to-SysML Mapping	IEEE ACCESS	3,600	5	1
202	Optimizing early-stage efficiency in complex system development via model-based systems engineering (MBSE) and concurrent engineering (CE) integration	RESEARCH IN ENGINEERING DESIGN	1,900	6	2
203	Resplace of the Car-Driver-Passenger System in a Frontal Crash Using a Water Impact Attenuator	VEHICLES	2,200	5	5

204	AI-Enhanced Detection of Heart Murmurs: Advancing Non-Invasive Cardiovascular Diagnostics	SENSORS	3,500	6	6
205	Transylvanian Musical Manuscripts: Historical And Cultural Sources From The 17th- 19th Centuries	STUDIA UNIVERSITATIS BABES-BOLYAI MUSICA	0,100	2	2
206	Development of Updated Models to Characterize Skidding Performance in Romania Based on a Nation-Level Dataset	FORESTS	2,500	2	2
207	Operational Speed in Skidding Operations by Cable Skidders and Farm Tractors: Results of a Nationwide Assessment	APPLIED SCIENCES-BASEL	2,500	2	2
208	Corpus-Based Approaches to Cuban Higher Education English Language Teaching and Teacher Training: Needs Assessment	JOURNAL OF LATINOS AND EDUCATION	1,100	2	2





**SALARY INCREASE AND  
AWARDS FOR SCIENTIFIC  
PERFORMANCE**

## Salary increase for doctoral supervisors

In 2025, 122 doctoral supervisors received salary increases (4,42% rise compared to 2024), as follows:

- 10% for publishing WoS articles in the previous year: 111 doctoral supervisors
- 15% for publishing WoS articles and coordinating doctoral theses written and/or defended in foreign languages in the previous year: 11 doctoral supervisors

DOCTORAL FIELD	TOTAL NO. OF SUPERVISORS WITH SALARY INCREASE	NO OF SUPERVISORS WITH 10% SALARY INCREASE	NO OF SUPERVISORS WITH 15% SALARY INCREASE
Computers and Information Technology	3	2	1
Philology	4	4	
Finance	4	4	
Computer Science	2	2	
Automotive Engineering	2	2	
Materials Engineering	8	7	1
Environmental Engineering	1	1	
Systems Engineering	2		2
Civil Engineering and Building Services	2	2	
Electrical Engineering	1	1	
Electronics, Telecommunications and Informational Technologies	4	4	
Forest Engineering	5	5	
Industrial Engineering	11	11	
Mechanical Engineering	15	14	1
Engineering and Management	4	3	1
Management	3	3	

Marketing	8	7	1
Mathematics	6	5	1
Mechatronics and Robotics	1	1	
Medicine	13	13	
Music	3	3	
Forestry	13	10	3
Sociology	4	4	
Science of Sport and Physical Education	3	3	
	<b>122</b>	<b>111</b>	<b>11</b>

### Awards for Doctoral Students' Scientific Performance

In 2025, 169 doctoral students received awards for publishing WoS-indexed articles (an increase of 112% compared to 2024). The total amount made available to doctoral students to support their doctoral research is 339.805 lei.

DOCTORAL FIELD	NO. OF DOCTORAL STUDENTS AWARDED FOR WOS ARTICLES	AMOUNT AVAILABLE FOR WOS ARTICLES
Computers and Information Technology	7	9.340
Philology		
Finance	11	16.006
Computer Science	1	1.373
Materials Engineering	3	5.556
Systems Engineering	1	813
Civil Engineering and Building Services	1	14.830
Electrical Engineering	2	5.248

Electronics, Telecommunications and Informational Technologies	11	24.495
Forest Engineering	4	10.767
Industrial Engineering	10	14.676
Mechanical Engineering	9	4.460
Engineering and Management	8	11.428
Management		
Marketing	5	5.344
Mathematics	9	34.042
Mechatronics and Robotics	1	12.594
Medicine	45	80.404
Music	8	2.492
Forestry	28	78.020
Sociology	2	5.225
Science of Sport and Physical Education	3	2.691
	169	339.805



**INTERNATIONALIZATION**

The number of foreign doctoral students increased in 2025 up to 99, from 30 countries, presenting 16,34% of the total number of doctoral students.





The Interdisciplinary Doctoral School of Transilvania University of Braşov is a member of the UNITA DOCTORAL NETWORK alongside other similar entities from the other 12 partner universities of the UNITA Alliance.

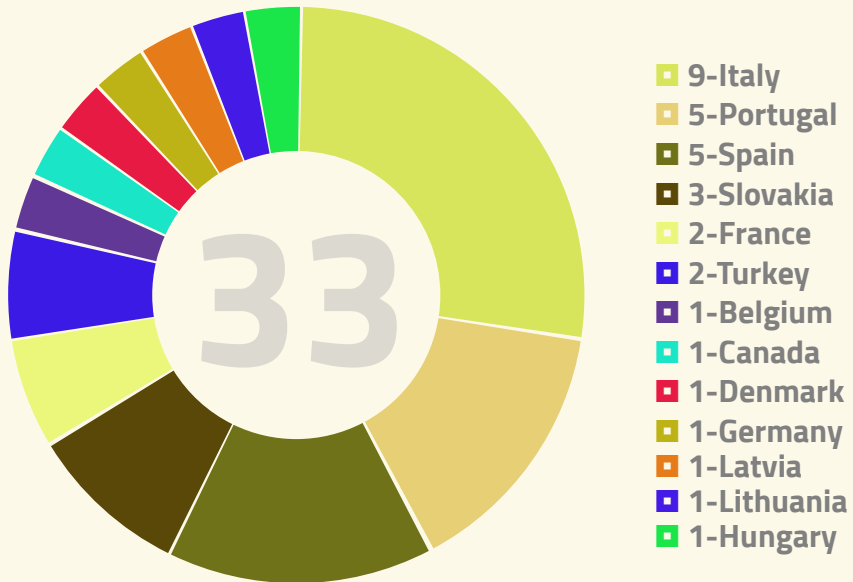
International co-supervision agreements for UNITBV doctoral students: 12 (including 2 within the CHORAL project of the UNITA Alliance).

UNITBV supports the international mobilities of doctoral students for study, research, or practical training, through ERASMUS+ and other internal programmes.

Erasmus+ mobilities of UNITBV doctoral students have increased by 50% compared to 2024. 33 doctoral students have benefited from internships abroad.

No.	DOCTORAL FIELD	SHORT-TERM MOBILITY (UNDER 30 DAYS)	LONG-TERM MOBILITY (OVER 30 DAYS)
1	Computers and Information Technology		1
2	Philology	2	
3	Finance	2	
4	Computer Science		
5	Automotive Engineering		
6	Materials Engineering		
7	Environmental Engineering		
8	Systems Engineering		
9	Civil Engineering and Building Services		
10	Electrical Engineering		3
11	Electronics, Telecommunications and Informational Technologies	3	
12	Forest Engineering		
13	Industrial Engineering	1	

14	Mechanical Engineering		1
15	Engineering and Management	4	
16	Management	1	
17	Marketing		
18	Mathematics	3	
19	Mechatronics and Robotics		
20	Medicine	7	
21	Music	2	
22	Forestry	1	
23	Sociology	2	
24	Science of Sport and Physical Education		
		28	5



UNITBV grants for doctoral students' external mobility were awarded to 27 PhD students for study or training internships

<b>No.</b>	<b>Doctoral field</b>	<b>Short-term mobilities by doctoral fields (under 30 days)</b>
1	Computers and Information Technology	4
2	Philology	2
3	Finance	1
4	Computer Science	
5	Automotive Engineering	
6	Materials Science	1
7	Environmental Engineering	
8	Systems Engineering	
9	Civil Engineering and Building Services	
10	Electrical Engineering	
11	Electronics, Telecommunications and Informational Technologies	3
12	Forest Engineering	1
13	Industrial Engineering	
14	Mechanical Engineering	
15	Engineering and Management	2
16	Management	
17	Marketing	4
18	Mathematics	2
19	Mechatronics and Robotics	
20	Medicine	5
21	Music	1
22	Forestry	1
23	Sociology	
24	Science of Sport and Physical Education	
		<b>27</b>

Total value for UNITBV external mobility grants: 262,500 lei, from own revenues.

International mobilities were also financed through the CNFIS-FDI-2025 project, UNICERS, for documentation or doctoral research internships, as well as for access to research infrastructure at universities or institutions abroad.

6 doctoral student-mobilities in: China, England, Italy, Malta, Poland, Spain.



**EVENTS**

# DoCo 2025

DOCTORAL CONFERENCE

## DoCo 2025 Doctoral Conference



The second edition of the annual conference dedicated to doctoral students took place at Sergiu T. Chiriacescu Conference Aula, June 12-13, 2025.

140 doctoral students as presenting participants:

- 77 UNITBV doctoral students, of which 47 Romanians and 30 international ones
- 50 doctoral students from other 13 Romanian universities/institutions
- 13 foreign doctoral students, from 8 universities from 7 countries

Plenary conferences:

- Dr. Henrik Rudolph, Chief Editor Applied Surface Science (Elsevier): **Ethics in Scientific Publishing**
- Dr. Cătălina Munteanu, University of Freiburg, Germany & Transilvania University of Braşov Visiting Professor: **Crossing disciplinary boundaries to address long-term environmental change**
- Dr. Luisa Valmarin, La Sapienza Università di Roma: **Translation as a window to the world**
- Dr. Ovidiu Călin, Eastern Michigan University: **Deep Learning Methods in Classical Mechanics**

Workshops:

- Dr. Marta M. Alves, Technical University of Lisbon: **Author Workshop: Scientific Writing and Publishing – succeeding as an aspiring author**
- UNITBV Academic Writing Centre: **Telling the story of your research: A workshop for engaging presentations** - 2 parallel workshops: in Romanian and English



International competition within the UNITA Doctoral Network - My 3-minute PhD thesis - 2 UNITBV doctoral students qualified for the final stage in Pamplona, Spain.



The second place was won by the UNITBV doctoral student, Andreea E. Vântu (Systems Engineering), for the presentation: **Uncertainty quantification in deep learning-based classification and Regression – Application to medical data and images**

AFCO 2025 – Graduates in front of the Companies –13th Edition, section XI – doctoral studies: 12 doctoral students participating.

- ▣ Workshops for developing research project proposals:
  - for national competitions (UEFISCDI)
  - for international competitions (HORIZON EUROPE)
- ▣ Training sessions on academic writing offered by experienced researchers:
  - for doctoral students and researchers in the exact sciences and engineering fields: **Successful International Publication for Engineering and Life Sciences**, Dr. Paul Rogers, Utah University
  - for doctoral students and researchers in the socio-human sciences fields: **Organizing and Writing a Research Article in the Social Sciences**, Prof. Dr. Adrian Hatos



Doctoral students participate in scientific events, training courses, summer schools, and events specific to each doctoral field. There is an ongoing and diverse offer of such events organized or facilitated by the doctoral fields, the research centers within the UNITBV Research-Development Institute (ICDT), or the faculties.

