



MINISTERUL EDUCAȚIEI
Universitatea Națională de Știință și Tehnologie
POLITEHNICA București

Anexa 1

Raport de autoevaluare pentru certificarea internă

Cuprins:

1. Prezentarea Centrului de cercetare

- 1.1. Denumire centru: Centrul de Electronică Tehnologică și Tehnici de Interconectare - CETTI
- 1.2. Date de identificare a Centrului de Cercetare
 - 1.2.1. Director centru: Prof. Dr. Ing. Paul SVASTA
 - 1.2.2. Adresa/Telefon/E-mail centru: 1.3. adresa: Bd. Iuliu Maniu, nr. 1-3 Complex LEU, Corp B, cam. 301 / telefon: 021 3169633 / e-mail: cetti@cetti.ro
 - 1.2.3. Pagina web a centrului: www.cetti.ro
 - 1.2.4. Anul înființării: 1995

2. Domeniul de specialitate

- 2.1. Domeniul fundamental/Ramura de știință: 1.1. Inginerie electrică, electronică și informatică, ingineria informației
- 2.2. Direcții de cercetare:
 - Modelarea și simularea electromagnetică performantă a structurilor de interconectare complexe din cadrul sistemelor și microsistemelor electronice;
 - Analiza discontinuităților din cadrul structurilor de interconectare și a elementelor constructive;
 - Evaluarea structurilor cu impedanță controlată destinate modulelor de mare performanță;
 - Analiza integrității semnalelor din cadrul structurilor de interconectare complexe cu facilități de osciloscopie virtuală pentru sisteme și microsisteme digitale;
 - Managementul termic și de fiabilitate a sistemelor și microsistemelor electronice, atât la nivel de modul PWB, cât și la nivel de componentă;
 - Proiectarea asistată de calculator a modulelor electronice PWB/MCM și generarea de fișiere pentru transferul spre programe de proiectare mecanică, management termic și de fabricație;
 - Realizarea de prototipuri, inclusiv prin intermediul tehnologiei de montare pe suprafață a componentelor electronice (SMT), activități de tip „repair rework” pentru sisteme și microsisteme echipate cu componente de tip SOIC, QFP, LCC, TSOP etc;
 - Integrarea cercetării și proiectării interdisciplinare a sistemelor și microsistemelor electronice în cadrul mediului CAE-CAD-CAM din domeniul electronicii, dezvoltat la Universitatea “Politehnica” din București;
 - Tehnici de proiectare și tehnologii de realizare a modulelor multi-chip (MCM);
 - Generarea de circuite imprimate destinate aplicațiilor analogice și digitale cu

restricții de compatibilitate electromagnetică, de densitate, de echipare și de geometrie a plăcii modului electronic;

- Asigurarea calității în domeniul realizării modulelor electronice;
- Realizarea documentației tehnice necesară fabricației modulelor electronice, proiectate în centru, pentru fazele „prototip”, “serie zero” și „serie”;
- Stimularea și susținerea efortului de inovare și de absorbție a inovării în economie și societate.

3. Regulamentul de funcționare.

- Da. Se regăsește atașat Raportului de autoevaluare pentru certificare internă.

4. Lista personalului Centrului de Cercetare:

4.1. Personal didactic și de cercetare

Nr. Crt.	Nume și prenume	Funcția în cadrul universității
Personal didactic		
1.	Svasta Paul	Profesor emerit
2.	Ionescu Ciprian	Profesor
3.	Codreanu Norocel Dragoș	Profesor
4.	Vasile Alexandru	Profesor asociat
5.	Drumea Andrei	Conferențiar
6.	Pantazică Mihaela	Șef lucrări
7.	Marghescu Cristina-Ioana	Șef lucrări
8.	Mihăilescu Bogdan-Traian	Șef lucrări
9.	Bacîș Irina-Bristena	Șef lucrări
10.	Moise Mădălin-Vasile	Șef lucrări
11.	Negroiu Rodica-Cristina	Șef lucrări
12.	Burcea Irina-Mădălina	Asistent doctorand
13.	Florea George	Cadru didactic asociat (doctorand)
Personal didactic auxiliar		
14.	Pătuleanu Maria	Tehnician
15.	Lepădatu Delia Georgeta	Tehnician

4.2. Personal de cercetare angajat:

- Svasta Paul;

- Ionescu Ciprian;
- Codreanu Norocel-Dragoș;
- Vasile Alexandru;
- Pantazică Mihaela;
- Mihăilescu Bogdan-Traian;
- Moise Mădălin-Vasile;
- Negroiu Rodica-Cristina;
- Pătuleanu Maria;
- Lepădatu Delia Georgeta.

5. Articole, proceeding paper, review publicate in reviste cotate Web of Science*

Anul publicării	Luna publicării	Nr. revistei	Revista WoS	ISSN	Nr total autori pe articol	Numele autorilor care sunt membri pe centru		Titlul articolului	Factorul de impact
						Nr.Crt.	Numele autorilor		
2022	Iulie	14	MDPI-MATERIALS	1996-1944	4	1	Codreanu Norocel-Dragoș	Investigating Machine Learning Techniques for Predicting the Process Characteristics of Stencil Printing	3.1
2022	Mai	33	ELSEVIER-CASE STUDIES IN THERMAL ENGINEERING	2214-157X	5	1	Codreanu Norocel-Dragoș	Modelling of thermocouple geometry variations for improved heat transfer monitoring in smart electronic manufacturing environment	6.4
2020	Decembrie	23	MDPI-SENSORS	1424-8220	4	1	Codreanu Norocel-Dragoș	Modified Split Ring Resonators Sensor for Accurate Complex Permittivity Measurements of Solid Dielectrics	3.4
						2	Pantazică Mihaela		

2022		84/3	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE	1454-2331	10	1	Ionescu Ciprian	ELECTROLES S COPPER DEPOSITION ON LOW-TEMPERATURE SILVER THICK FILMS	0.3
						2	Mihăilescu Bogdan-Traian		
						3	Svasta Paul		
2024	Iulie	10/7	MDPI - BATTERIES-BASEL	2313-0105	7	1	Negroiu Rodica-Cristina	Edible Gelatin and Cosmetic Activated	4.6
						2	Marghescu Cristina-Ioana	Carbon Powder as Biodegradable and	
						3	Baciş Irina-Bristena	Replaceable	
						4	Burcea Madalina-Irina	Materials in the Production of Supercapacitors	
						5	Drumea Andrei		
2023	Septembrie-Decembrie	71/3	INMATEH-AGRICULTURAL ENGINEERING	2068-4215	4	1	Marghescu Cristina-Ioana	TOWARDS SUSTAINABLE SUBSISTENCE	0.6
						2	Negroiu Rodica-Cristina	AGRICULTURE IN ROMANIA WITH LOW-COST IoT MODULES AND SOLUTIONS - PROOF OF CONCEPT	
						3	Drumea Andrei		
2022	Martie	13/3	MDPI - MICROMACHINES	2072-666X	8	1	Mihăilescu Bogdan-Traian	Microelectromechanical Systems Based on Magnetic Polymer Films	3
						2	Svasta Paul		
2022	Februarie	22/4	MDPI - SENSORS	1424-8220	7	1	Pantazică Mihaela	PLL-Based Readout Circuit for SiC-MOS Capacitor Hydrogen Sensors in Industrial Environments	3.4

2020		82/4	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES C-ELECTRIC AL ENGINEERING AND COMPUTER SCIENCE	2286-3540	2	1	Svasta Paul	SECURITY SYSTEM FOR DETECTING TAMPERING AND THERMAL SIDE CHANNEL ATTACKS	0.2
2020		82/2	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES C-ELECTRIC AL ENGINEERING AND COMPUTER SCIENCE	2286-3540	2	1	Svasta Paul	IoT BEE HIVE MONITORING SYSTEM	0.2
2023		85/2	UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES C-ELECTRIC AL ENGINEERING AND COMPUTER SCIENCE	2286-3540	5	1	Mihăilescu Bogdan-Traian	MICROPUMP VALVE ACTUATION SYSTEM FOR CONTROLLING NON-MAGNETIC FLUID CIRCUITS	0.2
						2	Moise Vasile Mădălin		
						3	Svasta Paul		

*** pentru domeniile Socio-Umane, Economie, Stiinta sportului, etc. se pot raporta alte instrumente specifice**

5.1. Citări în reviste de specialitate cotate WoS (sunt excluse autocitările)

Nr. crt.	Data citării		Autor(i)	Titlul articolului citat	Autori citați care sunt Membri pe centru		Revista WoS în care a fost citat	ISSN	Factorul de impact
	An	Luna			Nr. Crt	Numele autorilor			
1	2024	Septembrie	Ciolacu, MI; Haderer, B; Berl, A; Svasta, P	Education 4.0: Innovation Learning Lab for AI-Analysis and Concept Proposal	1	Svasta Paul	Springer - JOURNAL OF COMPUTERS IN EDUCATION	2197-9987	4.3
2	2024	Aprilie	Ciolacu, MI; Marcu, AE; Vladescu, M; Stoichescu, D; Svasta, P.	Education 4.0 Lab for Digital Innovation Units - Collaborative Learning in Time of COVID-19 Pandemic	1	Svasta Paul	MDPI - SENSORS	1424-8220	3.4
3	2023	August	Ciolacu, MI; Marcu, AE; Vladescu, M; Stoichescu, D; Svasta, P.	Education 4.0 Lab for Digital Innovation Units - Collaborative Learning in Time of COVID-19 Pandemic	1	Svasta Paul	IEEE INTERNET OF THINGS JOURNAL	2327-4662	8.2
4	2024	Iulie	Ciolacu, MI; Svasta, P.	Education 4.0: AI Empowers Smart Blended Learning Process with Biofeedback	1	Svasta Paul	Springer - INTERNATIONAL JOURNAL OF ARTIFICIAL INTELLIGENCE IN EDUCATION	1560-4292	4.7

5	2024		Ciolacu, MI; Svasta, P.	Education 4.0: AI Empowers Smart Blended Learning Process with Biofeedback	1	Svasta Paul	EAI ENDORS ED TRANSA CTIONS ON SCALAB LE INFORM ATION SYSTEM S	2032-9407	1.1
6	2024	Iunie	Ciolacu, MI; Svasta, P.	Education 4.0: AI Empowers Smart Blended Learning Process with Biofeedback	1	Svasta Paul	SIMULA TION & GAMING	1046-8781	1.5
7	2023	Iulie	Ciolacu, MI; Svasta, P.	Education 4.0: AI Empowers Smart Blended Learning Process with Biofeedback	1	Svasta Paul	Springer - SOFT COMPU TING	1432-7643	3.1
8	2024	Februarie	Ciolacu, MI; Svasta, P.	Education 4.0: AI Empowers Smart Blended Learning Process with Biofeedback	1	Svasta Paul	Springer - EDUCAT ION AND INFORM ATION TECHNO LOGIES	1360-2357	4.8
9	2023		Ciolacu, MI; Svasta, P.	Education 4.0: AI Empowers Smart Blended Learning Process with Biofeedback	1	Svasta Paul	JOURNA L OF INFORM ATION TECHNO LOGY EDUCAT ION-INNOVA TIONS IN PRACTI CE	2165-3151	0.9
10	2022	Septembrie	Ciolacu, MI; Svasta, P.	Education 4.0: AI Empowers Smart Blended Learning Process with Biofeedback	1	Svasta Paul	MDPI - SUSTAI NABILIT Y	2071-1050	3.3

11	2024	Iunie	Ciolacu, MI; Svasta, P.	Education 4.0: AI Empowers Smart Blended Learning Process with Biofeedback	1	Svasta Paul	TECHNOLOGY ANALYSIS & STRATEGIC MANAGEMENT	0953-7325	2.9
12	2022	Mai	Ciolacu, MI; Svasta, P.	Education 4.0: AI Empowers Smart Blended Learning Process with Biofeedback	1	Svasta Paul	Wiley - COMPLEXITY	1076-2787	1.7
13	2022	Ianuarie	Ciolacu, MI; Svasta, P.	Education 4.0: AI Empowers Smart Blended Learning Process with Biofeedback	1	Svasta Paul	MDPI - APPLIED SCIENCES-BASEL	2076-3417	2.5
14	2022	Ianuarie	Ciolacu, MI; Svasta, P.	Education 4.0: AI Empowers Smart Blended Learning Process with Biofeedback	1	Svasta Paul	MDPI - DATA	2306-5729	2.2
15	2021	Noiembrie	Ciolacu, MI; Svasta, P.	Education 4.0: AI Empowers Smart Blended Learning Process with Biofeedback	1	Svasta Paul	MDPI - SUSTAINABILITY	2071-1050	3.3
16	2024	Decembrie	Fotescu, RP; Burciu, LM; Constantinescu, R; Svasta, P.	Advantages of Using Battery Cell Balancing Technology in Energy Storage Media in Electric Vehicles	1	Svasta Paul	ENGINEERING RESEARCH EXPRESS	2631-8695	1.5
17	2024	Septembrie	Fotescu, RP; Burciu, LM; Constantinescu, R; Svasta, P.	Advantages of Using Battery Cell Balancing Technology in Energy Storage Media in	1	Svasta Paul	BUSINESS PROCESSES MANAGEMENT JOURNAL	1463-7154	4.5

				Electric Vehicles			L		
18	2023	Noiembrie	Fotescu, RP; Burciu, LM; Constantinescu, R; Svasta, P.	Advantages of Using Battery Cell Balancing Technology in Energy Storage Media in Electric Vehicles	1	Svasta Paul	IEEE TRANSACTIONS ON INDUSTRIAL APPLICATIONS	0093-9994	4.2
19	2023	Aprilie	Fotescu, RP; Burciu, LM; Constantinescu, R; Svasta, P.	Advantages of Using Battery Cell Balancing Technology in Energy Storage Media in Electric Vehicles	1	Svasta Paul	MDPI - ENERGIES	1996-1073	3
20	2023	Aprilie	Fotescu, RP; Burciu, LM; Constantinescu, R; Svasta, P.	Advantages of Using Battery Cell Balancing Technology in Energy Storage Media in Electric Vehicles	1	Svasta Paul	GREEN ENERGY AND INTELLIGENT TRANSPORTATION	2097-2512	
21	2024	Aprilie	Ciolacu, MI; Tehrani, AF; Svasta, P; Tache, I; Stoichescu, D.	Education 4.0: An Adaptive Framework with Artificial Intelligence, Raspberry Pi and Wearables - Innovation for Creating Value	1	Svasta Paul	MDPI - SENSORS	1424-8220	3.4
22	2023	August	Ciolacu, MI; Tehrani, AF; Svasta, P; Tache, I; Stoichescu, D.	Education 4.0: An Adaptive Framework with Artificial Intelligence, Raspberry Pi and Wearables - Innovation for Creating	1	Svasta Paul	IEEE INTERNET OF THINGS JOURNAL	2327-4662	8.2

				Value					
23	2023	Noiembrie	Vasile, DC; Chitu, S; Svasta, P.	Cryptographic Key Derivation from an Anti- Tamper Solution	1	Svasta Paul	MDPI - ELECTR ONICS	2079- 9292	2.6
24	2021		Vidrascu, M; Svasta, P.	IoT BEE HIVE MONITORI NG SYSTEM	1	Svasta Paul	UNIVER SITY POLITEH NICA OF BUCHA REST SCIEN TIFIC BULLE TIN SERIES C- ELECTR ICAL ENGINE ERING AND COMPU TER SCIENC E	2286- 3540	0.2
25	2023		Cherciu, C; Croitoru, AN; Svasta, P; Nastac, DI.	Analysis of RTK Corrections for GNSS Ground Stations	1	Svasta Paul	IEEE ACCESS	2169- 3536	3.4
26	2024	Decembrie	Ciolacu, MI; Binder, L; Svasta, P; Tache, I; Stoichescu, D.	Education 4.0-Jump to Innovation with IoT in Higher Education	1	Svasta Paul	COGENT BUSINE SS & MANAG EMENT	2331- 1975	3
27	2024	Iunie	Ciolacu, MI; Binder, L; Svasta, P; Tache, I; Stoichescu, D.	Education 4.0-Jump to Innovation with IoT in Higher Education	1	Svasta Paul	FRONTI ERS IN EDUCAT ION	2504- 284X	1.04
28	2024		Ciolacu, MI; Binder, L; Svasta, P; Tache, I; Stoichescu, D.	Education 4.0-Jump to Innovation with IoT in Higher Education	1	Svasta Paul	IEEE ACCESS	2169- 3536	3.4

29	2023	Decembrie	Ciolacu, MI; Binder, L; Svasta, P; Tache, I; Stoichescu, D.	Education 4.0-Jump to Innovation with IoT in Higher Education	1	Svasta Paul	Elsevier - COMPUTERS AND EDUCATION OPEN	2666-5573	4.1
30	2023	Noiembrie	Ciolacu, MI; Binder, L; Svasta, P; Tache, I; Stoichescu, D.	Education 4.0-Jump to Innovation with IoT in Higher Education	1	Svasta Paul	FRONTIERS IN EDUCATION	2504-284X	1.9
31	2023	Martie	Ciolacu, MI; Binder, L; Svasta, P; Tache, I; Stoichescu, D.	Education 4.0-Jump to Innovation with IoT in Higher Education	1	Svasta Paul	INFORMATICS IN EDUCATION	1648-5831	2.1
32	2023		Ciolacu, MI; Binder, L; Svasta, P; Tache, I; Stoichescu, D.	Education 4.0-Jump to Innovation with IoT in Higher Education	1	Svasta Paul	JOURNAL OF INFORMATION TECHNOLOGY EDUCATION-RESEARCH	1547-9714	1.9
33	2023	Martie	Ciolacu, MI; Binder, L; Svasta, P; Tache, I; Stoichescu, D.	Education 4.0-Jump to Innovation with IoT in Higher Education	1	Svasta Paul	Springer - EDUCATION AND INFORMATION TECHNOLOGIES	1360-2357	4.8
34	2022	August	Ciolacu, MI; Binder, L; Svasta, P; Tache, I; Stoichescu, D.	Education 4.0-Jump to Innovation with IoT in Higher Education	1	Svasta Paul	MDPI - SUSTAINABILITY	2071-1050	3.3
35	2022	Octombrie	Ciolacu, MI; Binder, L; Svasta, P; Tache, I; Stoichescu, D.	Education 4.0-Jump to Innovation with IoT in Higher Education	1	Svasta Paul	JOURNAL OF EDUCATIONAL COMPUTING RESEARCH	0735-6331	4

36	2021	Decembrie	Ciolacu, MI; Binder, L; Svasta, P; Tache, I; Stoichescu, D.	Education 4.0-Jump to Innovation with IoT in Higher Education	1	Svasta Paul	Springer - JOURNAL OF COMPUTING IN HIGHER EDUCATION	1042-1726	4.5
37	2021		Ciolacu, MI; Binder, L; Svasta, P; Tache, I; Stoichescu, D.	Education 4.0-Jump to Innovation with IoT in Higher Education	1	Svasta Paul	IEEE ACCESS	2169-3536	3.4
38	2020	Decembrie	Ciolacu, MI; Binder, L; Svasta, P; Tache, I; Stoichescu, D.	Education 4.0-Jump to Innovation with IoT in Higher Education	1	Svasta Paul	INTELLIGENCIA ARTIFICIAL-IBEROAMERICAN JOURNAL OF ARTIFICIAL INTELLIGENCE	1137-3601	3.4
39	2020	Noiembrie	Ciolacu, MI; Binder, L; Svasta, P; Tache, I; Stoichescu, D.	Education 4.0-Jump to Innovation with IoT in Higher Education	1	Svasta Paul	Springer - JOURNAL OF BIG DATA	2196-1115	8.6
40	2024	Decembrie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	Wiley - EUROPEAN JOURNAL OF EDUCATION	0141-8211	2.8
41	2024	Octombrie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to	1	Svasta Paul	Wiley SUSTAINABLE DEVELOPMENT	0968-0802	9.9

				support Students' Success					
42	2024	Septembrie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	QUALITY ASSURANCE IN EDUCATION	0968-4883	1.8
43	2024	August	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	MDPI - INFORMATION	2078-2489	2.4
44	2024	Aprilie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	JOURNAL OF APPLIED RESEARCH IN HIGHER EDUCATION	2050-7003	1.9
45	2024	Iunie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students'	1	Svasta Paul	Elsevier - JOURNAL OF SYSTEMS AND SOFTWARE	0164-1212	3.7

				Success					
46	2024	Februarie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	MDPI - SENSORS	1424-8220	3.4
47	2024		Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	INTERNATIONAL JOURNAL ON STUDIES IN EDUCATION	2690-7909	
48	2024		Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	IEEE ACCESS	2169-3536	3.4
49	2023	Decembrie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students'	1	Svasta Paul	COGENT EDUCATION	2331-186X	1.5

				Success					
50	2023	Septembrie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	Elsevier - TECHNOLOGICAL FORECASTING AND SOCIAL CHANGE	0040-1625	12.9
51	2024	Februarie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	Springer - EDUCATION AND INFORMATION TECHNOLOGIES	1360-2357	4.8
52	2023	Mai	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	Springer - SOFT COMPUTING	1432-7643	3.1
53	2023	Mai	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students'	1	Svasta Paul	Springer - SOFT COMPUTING	1432-7643	3.1

				Success					
54	2023	Martie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	MDPI - SUSTAINABILITY	2071-1050	3.3
55	2023	Mai	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	Springer - EDUCATION AND INFORMATION TECHNOLOGIES	1360-2357	4.8
56	2022	Octombrie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	INTERNATIONAL JOURNAL OF INSTRUCTION	1694-609X	1.9
57	2023	Februarie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students'	1	Svasta Paul	EXPERT SYSTEMS WITH APPLICATIONS	0957-4174	7.5

				Success					
58	2023	Martie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	Springer - EDUCATION AND INFORMATION TECHNOLOGIES	1360-2357	4.8
59	2022	Iulie-Septembrie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	IEEE TRANSACTIONS ON AFFECTIVE COMPUTING	1949-3045	9.6
60	2022	Iunie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	MANAGEMENT SYSTEMS IN PRODUCTION ENGINEERING	2299-0461	1.4
61	2022	Octombrie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students'	1	Svasta Paul	SOFT COMPUTING	1432-7643	3.1

				Success					
62	2022	Aprilie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	Springer - INTERNATIONAL JOURNAL OF EDUCATIONAL TECHNOLOGY IN HIGHER EDUCATION	2365-9440	8.6
63	2022	Aprilie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	SCIENTIFIC PROGRAMMING	1058-9244	1.672
64	2022	Aprilie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	QUALITY-ACCESS TO SUCCESSES	1582-2559	0.5
65	2022	Octombrie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students'	1	Svasta Paul	JOURNAL OF EDUCATIONAL COMPUTING RESEARCH	0735-6331	4

				Success					
66	2022		Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY	1453-8245	3.7
67	2022	Decembrie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	INFORMATION TECHNOLOGY & PEOPLE	0959-3845	4.9
68	2021	Octombrie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	Wiley - REVIEW OF EDUCATION	2049-6613	2.7
69	2021	Octombrie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students'	1	Svasta Paul	MDPI - EDUCATION SCIENCES	2227-7102	2.5

				Success					
70	2022	Septembrie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	Springer - INTERNATIONAL JOURNAL OF ARTIFICIAL INTELLIGENCE IN EDUCATION	1560-4292	4.7
71	2021		Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	IEEE ACCESS	2169-3536	3.4
72	2021	Ianuarie-Martie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	INTERNATIONAL JOURNAL ON SEMANTIC WEB AND INFORMATION SYSTEMS	1552-6283	4.1
73	2021	Ianuarie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students'	1	Svasta Paul	MDPI - SUSTAINABILITY	2071-1050	3.3

				Success					
74	2021	Ianuarie- Martie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	JOURNAL OF CASES ON INFORMATION TECHNOLOGY	1548-7717	0.7
75	2020	Decembrie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	INTELIGENCIA ARTIFICIAL-IBEROAMERICAN JOURNAL OF ARTIFICIAL INTELLIGENCE	1137-3601	3.4
76	2020	Iulie- Septembrie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	IEEE TRANSACTIONS ON LEARNING TECHNOLOGIES	1939-1382	2.9
77	2020	Iulie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support	1	Svasta Paul	MDPI - SUSTAINABILITY	2071-1050	3.3

				Students' Success					
78	2020	Iunie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	Springer - ACTA MECHA NICA	0001-5970	2.3
79	2020	Martie	Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	CEMENT AND CONCRE TE RESEAR CH	0008-8846	10.9
80	2020		Ciolacu, M; Tehrani, AF; Binder, L; Svasta, P.	Education 4.0-Artificial Intelligence assisted Higher Education: Early recognition System with Machine Learning to support Students' Success	1	Svasta Paul	INTERN ATIONA L JOURNA L OF ENGINE ERING EDUCAT ION	0949-149X	0.7
81	2023	Martie	Ciolacu, M; Svasta, PM; Berg, W; Popp, H.	Education 4.0 for Tall Thin Engineer in a Data Driven Society	1	Svasta Paul	MDPI - SOCIAL SCIENC ES- BASEL	2076-0760	1.7

82	2023	Martie	Ciolacu, M; Svasta, PM; Berg, W; Popp, H.	Education 4.0 for Tall Thin Engineer in a Data Driven Society	1	Svasta Paul	MDPI - ELECTRONICS	2079-9292	2.6
83	2022	Decembrie	Ciolacu, M; Svasta, PM; Berg, W; Popp, H.	Education 4.0 for Tall Thin Engineer in a Data Driven Society	1	Svasta Paul	FRONTIERS IN NEUROSCIENCE	1662-453X	3.2
84	2022	Iulie	Ciolacu, M; Svasta, PM; Berg, W; Popp, H.	Education 4.0 for Tall Thin Engineer in a Data Driven Society	1	Svasta Paul	MDPI - CATALYSTS	2073-4344	3.8
85	2022	Aprilie	Ciolacu, M; Svasta, PM; Berg, W; Popp, H.	Education 4.0 for Tall Thin Engineer in a Data Driven Society	1	Svasta Paul	MDPI - APPLIED SCIENCES-BASEL	2076-3417	2.5
86	2022	Februarie	Ciolacu, M; Svasta, PM; Berg, W; Popp, H.	Education 4.0 for Tall Thin Engineer in a Data Driven Society	1	Svasta Paul	MDPI - BATTERIES-BASEL	2313-0105	4.6
87	2022	Februarie	Ciolacu, M; Svasta, PM; Berg, W; Popp, H.	Education 4.0 for Tall Thin Engineer in a Data Driven Society	1	Svasta Paul	MDPI - SUSTAINABILITY	2071-1050	3.3
88	2022	Septembrie	Ciolacu, M; Svasta, PM; Berg, W; Popp, H.	Education 4.0 for Tall Thin Engineer in a Data Driven Society	1	Svasta Paul	JOURNAL OF FACILITIES MANAGEMENT	1472-5967	2.2
89	2021	Septembrie	Ciolacu, M; Svasta, PM; Berg, W; Popp, H.	Education 4.0 for Tall Thin Engineer in a Data Driven Society	1	Svasta Paul	MDPI - BIG DATA AND COGNITIVE COMPUTING	2504-2289	3.7

90	2021	Decembrie	Ciolacu, M; Svasta, PM; Berg, W; Popp, H.	Education 4.0 for Tall Thin Engineer in a Data Driven Society	1	Svasta Paul	Springer - JOURNAL OF COMPUTING IN HIGHER EDUCATION	1042-1726	4.5
91	2021	Mai	Ciolacu, M; Svasta, PM; Berg, W; Popp, H.	Education 4.0 for Tall Thin Engineer in a Data Driven Society	1	Svasta Paul	MATHEMATICAL PROBLEMS IN ENGINEERING	1024-123X	1.4
92	2021	Aprilie	Ciolacu, M; Svasta, PM; Berg, W; Popp, H.	Education 4.0 for Tall Thin Engineer in a Data Driven Society	1	Svasta Paul	MDPI - SUSTAINABILITY	2071-1050	3.3
93	2021	Aprilie	Ciolacu, M; Svasta, PM; Berg, W; Popp, H.	Education 4.0 for Tall Thin Engineer in a Data Driven Society	1	Svasta Paul	MDPI - BUILDINGS	2075-5309	3.1
94	2020	Decembrie	Ciolacu, M; Svasta, PM; Berg, W; Popp, H.	Education 4.0 for Tall Thin Engineer in a Data Driven Society	1	Svasta Paul	INTELLIGENCIA ARTIFICIAL-IBEROAMERICAN JOURNAL OF ARTIFICIAL INTELLIGENCE	1137-3601	3.4
95	2020	Noiembrie	Ciolacu, M; Svasta, PM; Berg, W; Popp, H.	Education 4.0 for Tall Thin Engineer in a Data Driven Society	1	Svasta Paul	EUROPEAN JOURNAL OF ENGINEERING EDUCATION	0304-3797	2
96	2020	Iulie	Ciolacu, M; Svasta, PM; Berg, W; Popp, H.	Education 4.0 for Tall Thin Engineer in a Data Driven Society	1	Svasta Paul	MDPI - SUSTAINABILITY	2071-1050	3.3

97	2020		Ciolacu, M; Svasta, PM; Berg, W; Popp, H.	Education 4.0 for Tall Thin Engineer in a Data Driven Society	1	Svasta Paul	INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION	0949-149X	0.7
98	2020		Ciolacu, M; Svasta, PM; Berg, W; Popp, H.	Education 4.0 for Tall Thin Engineer in a Data Driven Society	1	Svasta Paul	TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES	1300-0632	1.2
99	2024		Safta, M; Svasta, P; Dima, MO.	Wavelet Signal Denoising applied on Electromagnetic traces	1	Svasta Paul	IEEE ACCESS	2169-3536	3.4
100	2022	Decembrie	Marghescu, A; Svasta, P; Simion, E.	Optimising Ring Oscillator-based True Random Number Generators Concept on FPGA	1	Svasta Paul	Elsevier - JOURNAL OF INFORMATION SECURITY AND APPLICATIONS	2214-2126	3.8
101	2020	Mai	Marghescu, A; Vasile, DC; Svasta, P; Simion, E.	Personalized Ring Oscillator-based True Random Number Generator Analysis using Non-Invasive Attacks	1	Svasta Paul	Springer MULTIMEDIA TOOLS AND APPLICATIONS	1380-7501	3
102	2023	Noiembrie	Safta, M; Svasta, P; Dima, M; Marghescu, A; Costiuc,	Design and Setup of Power Analysis Attacks	1	Svasta Paul	MDPI - ELECTRONICS	2079-9292	2.6

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103	2021	Aprilie	Safta, M; Svasta, P; Dima, M; Marghescu, A; Costiuc, MN.	Design and Setup of Power Analysis Attacks	1	Svasta Paul	INTERN ATIONA L JOURNA L OF NEXT- GENERA TION COMPU TING	2229- 4678	0.3
104	2023	Martie	Badalan, N; Svasta, P.	Peltier Elements vs. Heat Sink in Cooling of High Power LEDs	1	Svasta Paul	IEEE TRANSA CTIONS ON POWER ELECTR ONICS	0885- 8993	6.6
105	2021		Marghescu , A; Svasta, P; Simion, E.	Randomness Extraction Techniques for Jittery Oscillators	1	Svasta Paul	UNIVER SITY POLITEH NICA OF BUCHA REST SCIENTI FIC BULLETI N SERIES C- ELECTRI CAL ENGINE ERING AND COMPU TER SCIENC E	2286- 3540	0.2
106	2024	Martie	Marghescu , A; Svasta, P.	Into Generating True Random Numbers - a Practical Approach using FPGA	1	Svasta Paul	IEEE TRANSA CTIONS ON CIRCUIT S AND SYSTEM S II- EXPRES S BRIEFS	1549- 7747	4
107	2023	Aprilie	Marghescu , A; Svasta, P.	Into Generating True Random Numbers - a Practical Approach	1	Svasta Paul	Wiley - ADVAN CED INTELLI GENT SYSTEM S	2640- 4567	6.8

				using FPGA					
108	2024	Mai	Marghescu, A; Svasta, P; Simion, E.	High Speed and Secure Variable Probability Pseudo/True Random Number Generator using FPGA	1	Svasta Paul	CHAOS SOLITONS & FRACTALS	0960-0779	5.3
109	2023		Ropoteanu, C; Svasta, P; Busu, I.	High-Frequency Power Loss Investigation of a Planar Ferrite Core Transformer	1	Svasta Paul	IEEE ACCESS	2169-3536	3.4
110	2023	Februarie	Marghescu, A; Maimut, DS; Teseleanu, G; Neacsu, T; Svasta, P.	Adapting a Ring Oscillator-based True Random Number Generator for Zynq System on Chip Embedded Platform	1	Svasta Paul	MDPI - MATHEMATICS	2227-7390	2.3
111	2020	Mai	Marghescu, A; Maimut, DS; Teseleanu, G; Neacsu, T; Svasta, P.	Adapting a Ring Oscillator-based True Random Number Generator for Zynq System on Chip Embedded Platform	1	Svasta Paul	Springer - MULTIMEDIA TOOLS AND APPLICATIONS	1380-7501	3
112	2024	Aprilie	Marghescu, A; Teseleanu, G; Svasta, P.	Cryptographic Key Generator Candidates based on Smartphone built-in Sensors	1	Svasta Paul	COMPUTER JOURNAL	0010-4620	1.5
113	2021	Mai	Marghescu, A; Teseleanu, G; Svasta, P.	Cryptographic Key Generator Candidates based on Smartphone built-in Sensors	1	Svasta Paul	MDPI - ELECTRONICS	2079-9292	2.6

114	2020		Marghescu, A; Teseleanu, G; Svasta, P.	Cryptographic Key Generator Candidates based on Smartphone built-in Sensors	1	Svasta Paul	IEEE ACCESS	2169-3536	3.4
115	2022	Ianuarie	Pencea, I; Plotog, I; Branzei, M; Bibis, A; Svasta, P.	Multiconvolutional Approach for Uncertainty Estimation of the Thermal Diffusivity Measured by Flash Method	1	Svasta Paul	Springer - INTERNATIONAL JOURNAL OF THERMOPHYSICS	0195-928X	2.5
116	2021		Pencea, I; Plotog, I; Branzei, M; Bibis, A; Svasta, P.	Multiconvolutional Approach for Uncertainty Estimation of the Thermal Diffusivity Measured by Flash Method	1	Svasta Paul	IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT	0018-9456	5.6
117	2023	Mai	Negrea, C; Svasta, P; Rangu, M.	Electro-Thermal Modeling of Power LED Using SPICE Circuit Solver	1	Svasta Paul	Wiley - INTERNATIONAL JOURNAL OF CIRCUIT THEORY AND APPLICATIONS	0098-9886	1.8
118	2022	Septembrie	Negrea, C; Svasta, P; Rangu, M.	Electro-Thermal Modeling of Power LED Using SPICE Circuit Solver	1	Svasta Paul	INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH	1309-0127	1
119	2021	Ianuarie	Negrea, C; Svasta, P; Rangu, M.	Electro-Thermal Modeling of Power LED Using SPICE Circuit Solver	1	Svasta Paul	COGENT ENGINEERING	2331-1916	2.1

120	2020	Aprilie	Negrea, C; Svasta, P; Rangu, M.	Electro- Thermal Modeling of Power LED Using SPICE Circuit Solver	1	Svasta Paul	OPTICS EXPRES S	1094- 4087	3.2
121	2024	August	Bonea, A; Bonfert, D; Svasta, P.	Contact Resistance in Polytriaryla mine Based Organic Transistors	1	Svasta Paul	Elsevier - SYNTHE TIC METALS	0379- 6779	4
122	2021	Iulie	Negrea, C; Rangu, M; Svasta, P.	SPICE Modeling of Thermal Behavior for Passive Components	1	Svasta Paul	Springer - JOURNA L OF MATERI ALS SCIENC E- MATERI ALS IN ELECTR ONICS	0957- 4522	2.8
123	2020		Negrea, C; Rangu, M; Svasta, P.	SPICE Modeling of Thermal Behavior for Passive Components	1	Svasta Paul	PROGRE SS IN ELECTR OMAGN ETICS RESEAR CH LETTER S	1937- 6480	0.7
124	2024	Decembrie	Bondar, AM; Iordache, I; Svasta, P.	Carbon/cera mic composites designed for electronic application	1	Svasta Paul	JOURNA L OF MEASU REMENT S IN ENGINE ERING	2335- 2124	0.6
125	2024	Septembrie	Bondar, AM; Iordache, I; Svasta, P.	Carbon/cera mic composites designed for electronic application	1	Svasta Paul	Wiley - INTERN ATIONA L JOURNA L OF APPLIED CERAMI C TECHNO LOGY	1546- 542X	1.8
126	2023		Bondar, AM; Iordache, I; Svasta, P.	Carbon/cera mic composites designed for electronic	1	Svasta Paul	MATHE MATICA L BIOSCI NCES	1547- 1063	2.6

				application			AND ENGINE ERING		
127	2024	Decembrie	Martinek, P; Illés, B; Codreanu, N; Krammer, O.	Investigating Machine Learning Techniques for Predicting the Process Characteristics of Stencil Printing	1	Codreanu Norocel-Dragoş	Elsevier - RESULTS IN ENGINEERING	2590-1230	6
128	2024	Decembrie	Martinek, P; Illés, B; Codreanu, N; Krammer, O.	Investigating Machine Learning Techniques for Predicting the Process Characteristics of Stencil Printing	1	Codreanu Norocel-Dragoş	Elsevier - JOURNAL OF MANUFACTURING SYSTEMS	0278-6125	12.3
129	2024	Septembrie	Straubinger, D; Illés, B; Busek, D; Codreanu, N; Géczy, A.	Modelling of thermocouple geometry variations for improved heat transfer monitoring in smart electronic manufacturing environment	1	Codreanu Norocel-Dragoş	IEEE TRANSACTIONS ON COMPONENTS PACKAGING AND MANUFACTURING TECHNOLOGY	2156-3950	2.3
130	2024	Februarie	Straubinger, D; Illés, B; Busek, D; Codreanu, N; Géczy, A.	Modelling of thermocouple geometry variations for improved heat transfer monitoring in smart electronic manufacturing environment	1	Codreanu Norocel-Dragoş	MDPI - ENERGIES	1996-1073	3
131	2024		Straubinger, D; Illés, B; Busek, D; Codreanu, N; Géczy, A.	Modelling of thermocouple geometry variations for improved heat transfer monitoring in smart electronic manufacturing environment	1	Codreanu Norocel-Dragoş	INTERNATIONAL JOURNAL OF ELECTRONICS AND TELECOMMUNICATION	2081-8491	0.5

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132	2023	August	Straubinger , D; Illés, B; Busek, D; Codreanu, N; Géczy, A.	Modelling of thermocouple geometry variations for improved heat transfer monitoring in smart electronic manufacturing environment	1	Codreanu Norocel-Dragoş	IEEE SENSOR S JOURNAL	1530-437X	4.3
133	2023	Ianuarie	Straubinger , D; Illés, B; Busek, D; Codreanu, N; Géczy, A.	Modelling of thermocouple geometry variations for improved heat transfer monitoring in smart electronic manufacturing environment	1	Codreanu Norocel-Dragoş	IEEE TRANSACTIONS ON COMPONENTS PACKAGING AND MANUFACTURING TECHNOLOGY	2156-3950	2.3
134	2023	Ianuarie	Straubinger , D; Illés, B; Busek, D; Codreanu, N; Géczy, A.	Modelling of thermocouple geometry variations for improved heat transfer monitoring in smart electronic manufacturing environment	1	Codreanu Norocel-Dragoş	APPLIED THERMAL ENGINEERING	1359-4311	6.1
135	2022	Noiembrie	Straubinger , D; Illés, B; Busek, D; Codreanu, N; Géczy, A.	Modelling of thermocouple geometry variations for improved heat transfer monitoring in smart electronic manufacturing environment	1	Codreanu Norocel-Dragoş	APPLIED THERMAL ENGINEERING	1359-4311	6.1
136	2024	Septembrie	Florea, G; Codreanu,	Electronic System for	1	Florea Geroge	MDPI -	1424-	2.1

			N.	the Management of a Beehive	2	Codreanu Norocel-Dragoș	DIVERSITY-BASEL	2818	
137	2024	Octombrie	al-Behadili, AA; Mocanu, IA; Codreanu, N; Pantazica, M.	Modified Split Ring Resonators Sensor for Accurate Complex Permittivity Measurements of Solid Dielectrics	1	Codreanu Norocel-Dragoș	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS	1074-5351	1.7
					2	Pantazică Mihaela			
138	2024	Iunie	al-Behadili, AA; Mocanu, IA; Codreanu, N; Pantazica, M.	Modified Split Ring Resonators Sensor for Accurate Complex Permittivity Measurements of Solid Dielectrics	1	Codreanu Norocel-Dragoș	MDPI - SENSORS	1424-8220	3.4
					2	Pantazică Mihaela			
139	2024	Iulie	al-Behadili, AA; Mocanu, IA; Codreanu, N; Pantazica, M.	Modified Split Ring Resonators Sensor for Accurate Complex Permittivity Measurements of Solid Dielectrics	1	Codreanu Norocel-Dragoș	Elsevier - SENSORS AND ACTUATORS A-PHYSICAL	0924-4247	4.1
					2	Pantazică Mihaela			
140	2024		al-Behadili, AA; Mocanu, IA; Codreanu, N; Pantazica, M.	Modified Split Ring Resonators Sensor for Accurate Complex Permittivity Measurements of Solid Dielectrics	1	Codreanu Norocel-Dragoș	PROGRESS IN ELECTROMAGNETICS RESEARCH	1937-8726	0.7
					2	Pantazică Mihaela			
141	2023	Noiembrie	al-Behadili, AA; Mocanu, IA; Codreanu, N; Pantazica, M.	Modified Split Ring Resonators Sensor for Accurate Complex Permittivity Measurements of Solid Dielectrics	1	Codreanu Norocel-Dragoș	MATERIALS RESEARCH EXPRESS	2053-1591	1.8
					2	Pantazică Mihaela			

142	2023	August	al- Behadili, AA; Mocanu, IA; Codreanu, N; Pantazica, M.	Modified Split Ring Resonators Sensor for Accurate Complex Permittivity Measurements of Solid Dielectrics	1	Codreanu Norocel- Dragoș	Elsevier - MEASUREMENT	0263- 2241	5.2
					2	Pantazică Mihaela			
143	2023	Iunie	al- Behadili, AA; Mocanu, IA; Codreanu, N; Pantazica, M.	Modified Split Ring Resonators Sensor for Accurate Complex Permittivity Measurements of Solid Dielectrics	1	Codreanu Norocel- Dragoș	MDPI - SENSORS	1424- 8220	3.4
					2	Pantazică Mihaela			
144	2023	Iunie	al- Behadili, AA; Mocanu, IA; Codreanu, N; Pantazica, M.	Modified Split Ring Resonators Sensor for Accurate Complex Permittivity Measurements of Solid Dielectrics	1	Codreanu Norocel- Dragoș	EMITTER- INTERNATIONAL JOURNAL OF ENGINEERING TECHNOLOGY	2355- 391X	0.4
					2	Pantazică Mihaela			
145	2023	Aprilie	al- Behadili, AA; Mocanu, IA; Codreanu, N; Pantazica, M.	Modified Split Ring Resonators Sensor for Accurate Complex Permittivity Measurements of Solid Dielectrics	1	Codreanu Norocel- Dragoș	MDPI - MICROMACHINES	2072- 666X	3
					2	Pantazică Mihaela			
146	2023		al- Behadili, AA; Mocanu, IA; Codreanu, N; Pantazica, M.	Modified Split Ring Resonators Sensor for Accurate Complex Permittivity Measurements of Solid Dielectrics	1	Codreanu Norocel- Dragoș	IEEE ACCESS	2169- 3536	3.4
					2	Pantazică Mihaela			
147	2022	Decembrie	al- Behadili, AA; Mocanu, IA;	Modified Split Ring Resonators Sensor for Accurate	1	Codreanu Norocel- Dragoș	IEEE SENSOR S LETTER	2475- 1472	2.2

			Codreanu, N; Pantazica, M.	Complex Permittivity Measurements of Solid Dielectrics	2	Pantazică Mihaela	S		
148	2023	Martie	al- Behadili, AA; Mocanu, IA; Codreanu, N; Pantazica, M.	Modified Split Ring Resonators Sensor for Accurate Complex Permittivity Measurements of Solid Dielectrics	1	Codreanu Norocel-Dragoş	Elsevier - EXPERT SYSTEMS WITH APPLICATIONS	0957-4174	7.5
					2	Pantazică Mihaela			
149	2022	Septembrie	al- Behadili, AA; Mocanu, IA; Codreanu, N; Pantazica, M.	Modified Split Ring Resonators Sensor for Accurate Complex Permittivity Measurements of Solid Dielectrics	1	Codreanu Norocel-Dragoş	APPLIED OPTICS	1559-128X	1.7
					2	Pantazică Mihaela			
150	2022	August	al- Behadili, AA; Mocanu, IA; Codreanu, N; Pantazica, M.	Modified Split Ring Resonators Sensor for Accurate Complex Permittivity Measurements of Solid Dielectrics	1	Codreanu Norocel-Dragoş	IEEE SENSORS JOURNAL	1530-437X	4.3
					2	Pantazică Mihaela			
151	2022	Mai	al- Behadili, AA; Mocanu, IA; Codreanu, N; Pantazica, M.	Modified Split Ring Resonators Sensor for Accurate Complex Permittivity Measurements of Solid Dielectrics	1	Codreanu Norocel-Dragoş	SCIENTIFIC REPORTS	2045-2322	3.8
					2	Pantazică Mihaela			
152	2022	Februarie	al- Behadili, AA; Mocanu, IA; Codreanu, N; Pantazica, M.	Modified Split Ring Resonators Sensor for Accurate Complex Permittivity Measurements of Solid Dielectrics	1	Codreanu Norocel-Dragoş	Elsevier - SENSORS AND ACTUATORS B-CHEMICAL	0925-4005	8
					2	Pantazică Mihaela			

153	2022	Ianuarie	al- Behadili, AA; Mocanu, IA; Codreanu, N; Pantazica, M.	Modified Split Ring Resonators Sensor for Accurate Complex Permittivity Measurement s of Solid Dielectrics	1	Codreanu Norocel- Dragoș	Elsevier - SENSOR S AND ACTUAT ORS A- PHYSIC AL	0924- 4247	4.1
					2	Pantazică Mihaela			
154	2021	Noiembrie	al- Behadili, AA; Mocanu, IA; Codreanu, N; Pantazica, M.	Modified Split Ring Resonators Sensor for Accurate Complex Permittivity Measurement s of Solid Dielectrics	1	Codreanu Norocel- Dragoș	MDPI - SENSOR S	1424- 8220	3.4
					2	Pantazică Mihaela			
155	2021	Septembrie	al- Behadili, AA; Mocanu, IA; Codreanu, N; Pantazica, M.	Modified Split Ring Resonators Sensor for Accurate Complex Permittivity Measurement s of Solid Dielectrics	1	Codreanu Norocel- Dragoș	MDPI - CRYSTA LS	2073- 4352	2.4
					2	Pantazică Mihaela			
156	2021	August	al- Behadili, AA; Mocanu, IA; Codreanu, N; Pantazica, M.	Modified Split Ring Resonators Sensor for Accurate Complex Permittivity Measurement s of Solid Dielectrics	1	Codreanu Norocel- Dragoș	MDPI - SENSOR S	1424- 8220	3.4
					2	Pantazică Mihaela			
157	2021	Iulie	al- Behadili, AA; Mocanu, IA; Codreanu, N; Pantazica, M.	Modified Split Ring Resonators Sensor for Accurate Complex Permittivity Measurement s of Solid Dielectrics	1	Codreanu Norocel- Dragoș	MDPI - SENSOR S	1424- 8220	3.4
					2	Pantazică Mihaela			
158	2021	August	al- Behadili, AA; Mocanu, IA;	Modified Split Ring Resonators Sensor for Accurate	1	Codreanu Norocel- Dragoș	Elsevier - SENSOR S AND	0925- 4005	8

			Codreanu, N; Pantazica, M.	Complex Permittivity Measurements of Solid Dielectrics	2	Pantazică Mihaela	ACTUATORS B-CHEMICAL		
159	2021	Aprilie	al- Behadili, AA; Mocanu, IA; Codreanu, N; Pantazica, M.	Modified Split Ring Resonators Sensor for Accurate Complex Permittivity Measurements of Solid Dielectrics	1	Codreanu Norocel-Dragoș	Nature Portofolio -	2045-2322	3.8
					2	Pantazică Mihaela	SCIENTIFIC REPORTS		
160	2021	Februarie	al- Behadili, AA; Mocanu, IA; Codreanu, N; Pantazica, M.	Modified Split Ring Resonators Sensor for Accurate Complex Permittivity Measurements of Solid Dielectrics	1	Codreanu Norocel-Dragoș	MDPI - SENSORS	1424-8220	3.4
					2	Pantazică Mihaela			
161	2021	Decembrie	Ionescu, C; Drumea, A; Vasile, A; Codreanu, N.	Investigations on Active Balancing Circuits for Supercapacitor Banks	1	Ionescu Ciprian	Wiley - INTERNATIONAL JOURNAL OF CIRCUIT THEORY AND APPLICATIONS	0098-9886	1.8
					2	Drumea Andrei			
					3	Vasile Alexandru			
					4	Codreanu Norocel-Dragoș			
162	2022	Mai	Ionescu, C; Codreanu, ND; Varzaru, G.	Electrical and thermal investigations on printed conductive paste used in Solderless Assembly for Electronics Technology	1	Ionescu Ciprian	JOURNAL OF ADHESION	0021-8464	2.9
					2	Codreanu Norocel-Dragoș			
					3	Varzaru Gaudentiu			
163	2023		Ropoteanu, C; Codreanu, ND; Ionescu, C.	Thermal Investigation of a Planar Core Power Transformer	1	Codreanu Norocel-Dragoș	ARCHIVES OF ELECTRICAL ENGINEERING	1427-4221	1.2
					2	Ionescu Ciprian			

164	2023		Ropoteanu, C; Codreanu, ND; Ionescu, C.	Thermal Investigation of a Planar Core Power Transformer	1	Codreanu Norocel-Dragoș	IEEE ACCESS	2169-3536	3.4
					2	Ionescu Ciprian			
165	2022	Octombrie	Ropoteanu, C; Codreanu, ND; Ionescu, C.	Thermal Investigation of a Planar Core Power Transformer	1	Codreanu Norocel-Dragoș	MDPI - SUSTAINABILITY	2071-1050	3.3
					2	Ionescu Ciprian			
166	2020	Septembrie	Ropoteanu, C; Codreanu, ND; Ionescu, C.	Thermal Investigation of a Planar Core Power Transformer	1	Codreanu Norocel-Dragoș	IEEE TRANSACTIONS ON POWER ELECTRONICS	0885-8993	6.6
					2	Ionescu Ciprian			
167	2022	Iulie - Octombrie	Plotog, I; Varzaru, G; Turcu, C; Cucu, T; Svasta, P; Codreanu, N.	EMC REQUIREMENTS FOR DIM MULTICRITERIAL APPROACH	1	Plotog Ioan	REVUE ROUMAINE DES SCIENCES TECHNIQUES-SERIE ELECTROTECHNIQUE ET ENERGIE	0035-4066	1
					2	Varzaru Gaudentiu			
					3	Svasta Paul			
					4	Codreanu Norocel-Dragoș			
					2	Codreanu Norocel-Dragoș			
					3	Svasta Paul			
					4	Varzaru Gaudentiu			
168	2024	Noiembrie	Hotei, SA; Marghescu, CI; Negroiu, RC; Drumea, A.	TOWARDS SUSTAINABLE SUBSISTENCE AGRICULTURE IN ROMANIA	1	Marghescu Cristina-Ioana	MDPI - TECHNOLOGIES	2227-7080	4.2
					2	Negroiu Rodica-Cristina			

				WITH LOW-COST IoT MODULES AND SOLUTIONS - PROOF OF CONCEPT	3	Drumea Andrei			
169	2023	Septembrie	Brezeanu, IB; Paraschivoiu, PA; Negroiu, R; Chiva, LA.	Applications of Kramers-Kronig Relations	1	Negroiu Rodica-Cristina	OPTICS EXPRESS	1094-4087	3.2
170	2024	Octombrie	Negroiu, R; Svasta, P; Pirvu, C; Vasile, A; Marghescu, C.	Electrochemical Impedance Spectroscopy for Different Types of Supercapacitors	1	Negroiu Rodica-Cristina	Springer - JOURNAL OF SOLID STATE ELECTROCHEMISTRY	1432-8488	2.6
					2	Svasta Paul			
					3	Vasile Alexandru			
					4	Marghescu Cristina-Ioana			
171	2021	Octombrie	Negroiu, R; Svasta, P; Pirvu, C; Vasile, A; Marghescu, C.	Electrochemical Impedance Spectroscopy for Different Types of Supercapacitors	1	Negroiu Rodica-Cristina	MDPI - MATERIALS	1996-1944	3.1
					2	Svasta Paul			
					3	Vasile Alexandru			
					4	Marghescu Cristina-Ioana			
172	2024	Decembrie	Negroiu, R; Ionescu, C; Svasta, P; Vasile, A.	Influence of Temperature on Supercapacitors Behavior in Series/Parallel Connections	1	Negroiu Rodica-Cristina	Elsevier - SENSING AND BIO-SENSING RESEARCH	2214-1804	5.4
					2	Ionescu Ciprian			
					3	Svasta Paul			
					4	Vasile Alexandru			
173	2023	Noiembrie	Negroiu, R; Ionescu, C; Svasta, P; Vasile, A.	Influence of Temperature on Supercapacitors Behavior in Series/Parallel	1	Negroiu Rodica-Cristina	MDPI - ENERGIES	1996-1073	3
					2	Ionescu Ciprian			
					3	Svasta Paul			

				Connections	4	Vasile Alexandru			
174	2022	Iunie	Negroiu, R; Ionescu, C; Svasta, P; Vasile, A.	Influence of Temperature on Supercapacitors Behavior in Series/Parallel Connections	1	Negroiu Rodica-Cristina	ADVANCED SENSOR AND ENERGY MATERIALS	Elsevier - 2773-045X	
					2	Ionescu Ciprian			
					3	Svasta Paul			
					4	Vasile Alexandru			
175	2021	Aprilie	Negroiu, R; Ionescu, C; Svasta, P; Vasile, A.	Influence of Temperature on Supercapacitors Behavior in Series/Parallel Connections	1	Negroiu Rodica-Cristina	Elsevier - JOURNAL OF ENERGY STORAGE	2352-152X	8.9
					2	Ionescu Ciprian			
					3	Svasta Paul			
					4	Vasile Alexandru			
176	2020	Aprilie	Negroiu, R; Ionescu, C; Svasta, P; Vasile, A.	Influence of Temperature on Supercapacitors Behavior in Series/Parallel Connections	1	Negroiu Rodica-Cristina	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS	0278-0046	7.5
					2	Ionescu Ciprian			
					3	Svasta Paul			
					4	Vasile Alexandru			
177	2024	Decembrie	Svasta, P; Negroiu, R; Vasile, A.	Supercapacitors - an Alternative Electrical Energy Storage device	1	Svasta Paul	Elsevier - INORGANIC CHEMISTRY COMMUNICATIONS	1387-7003	4.4
					2	Negroiu Rodica-Cristina			
					3	Vasile Alexandru			
178	2024	August	Svasta, P; Negroiu, R; Vasile, A.	Supercapacitors - an Alternative Electrical Energy Storage device	1	Svasta Paul	Elsevier - SURFACES AND INTERFACES	2468-0230	5.7
					2	Negroiu Rodica-Cristina			
					3	Vasile Alexandru			
179	2024	Februarie	Svasta, P; Negroiu, R;	Supercapacitors - an	1	Svasta Paul	Elsevier -	1110-	6.2

			Vasile, A.	Alternative Electrical Energy Storage device	2	Negroiu Rodica-Cristina	ALEXANDRIA ENGINEERING JOURNAL	0168	
					3	Vasile Alexandru			
180	2024	Februarie	Svasta, P; Negroiu, R; Vasile, A.	Supercapacitors - an Alternative Electrical Energy Storage device	1	Svasta Paul	Elsevier -	0921-5107	3.9
					2	Negroiu Rodica-Cristina	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS		
					3	Vasile Alexandru			
181	2023	Noiembrie	Svasta, P; Negroiu, R; Vasile, A.	Supercapacitors - an Alternative Electrical Energy Storage device	1	Svasta Paul	SUPERCONDUCTOR SCIENCE & TECHNOLOGY	0953-2048	3.7
					2	Negroiu Rodica-Cristina			
					3	Vasile Alexandru			
182	2023	Noiembrie	Svasta, P; Negroiu, R; Vasile, A.	Supercapacitors - an Alternative Electrical Energy Storage device	1	Svasta Paul	Elsevier -	0016-2361	6.7
					2	Negroiu Rodica-Cristina	FUEL		
					3	Vasile Alexandru			
183	2023	Martie	Svasta, P; Negroiu, R; Vasile, A.	Supercapacitors - an Alternative Electrical Energy Storage device	1	Svasta Paul	RUSSIAN JOURNAL OF ELECTROCHEMISTRY	1023-1935	1.1
					2	Negroiu Rodica-Cristina			
					3	Vasile Alexandru			
184	2022	Iulie	Svasta, P; Negroiu, R; Vasile, A.	Supercapacitors - an Alternative Electrical Energy Storage device	1	Svasta Paul	IEEE TRANSACTIONS ON PLASMA SCIENCE	0093-3813	1.3
					2	Negroiu Rodica-Cristina			
					3	Vasile Alexandru			

185	2022	Mai-Iunie	Svasta, P; Negroiu, R; Vasile, A.	Supercapacitors - an Alternative Electrical Energy Storage device	1	Svasta Paul	Elsevier - SYNTHETIC METALS	0379-6779	4
					2	Negroiu Rodica-Cristina			
					3	Vasile Alexandru			
186	2022		Svasta, P; Negroiu, R; Vasile, A.	Supercapacitors - an Alternative Electrical Energy Storage device	1	Svasta Paul	IEEE TRANSACTIONS ON NANOTECHNOLOGY	1536-125X	2.1
					2	Negroiu Rodica-Cristina			
					3	Vasile Alexandru			
187	2021	Decembrie	Svasta, P; Negroiu, R; Vasile, A.	Supercapacitors - an Alternative Electrical Energy Storage device	1	Svasta Paul	Elsevier - JOURNAL OF ENERGY STORAGE	2352-152X	8.9
					2	Negroiu Rodica-Cristina			
					3	Vasile Alexandru			
188	2021	Iulie	Svasta, P; Negroiu, R; Vasile, A.	Supercapacitors - an Alternative Electrical Energy Storage device	1	Svasta Paul	ENERGY SYSTEMS- OPTIMIZATION MODELING SIMULATION AND ECONOMIC ASPECTS	1868-3967	2.1
					2	Negroiu Rodica-Cristina			
					3	Vasile Alexandru			
189	2021	Mai	Svasta, P; Negroiu, R; Vasile, A.	Supercapacitors - an Alternative Electrical Energy Storage device	1	Svasta Paul	IEEE CONSUMER ELECTRONICS MAGAZINE	2162-2248	3.7
					2	Negroiu Rodica-Cristina			
					3	Vasile Alexandru			
190	2018	Octombrie	Svasta, P; Negroiu, R; Vasile, A.	Supercapacitors - an Alternative Electrical Energy Storage device	1	Svasta Paul	Wiley - CHEMUSCHEM	1864-5631	7.5
					2	Negroiu Rodica-Cristina			
					3	Vasile Alexandru			
					2	Vasile			

						Alexandru			
					3	Negroiu Rodica-Cristina			
191	2024	Aprilie	Negroiu, R; Svasta, P; Vasile, A; Ionescu, C; Marghescu, C	Comparison between Zubieta Model of Supercapacitors and their Real Behavior	1	Negroiu Rodica-Cristina	Wiley - INTERNATIONAL JOURNAL OF ENERGY RESEARCH	0363-907X	4.3
					2	Svasta Paul			
					3	Vasile Alexandru			
					4	Ionescu Ciprian			
					5	Marghescu Cristina-Ioana			
192	2023	Mai	Negroiu, R; Svasta, P; Vasile, A; Ionescu, C; Marghescu, C	Comparison between Zubieta Model of Supercapacitors and their Real Behavior	1	Negroiu Rodica-Cristina	MDPI - ENERGIES	1996-1073	3
					2	Svasta Paul			
					3	Vasile Alexandru			
					4	Ionescu Ciprian			
					5	Marghescu Cristina-Ioana			
193	2022	Iulie	Negroiu, R; Svasta, P; Vasile, A; Ionescu, C; Marghescu, C	Comparison between Zubieta Model of Supercapacitors and their Real Behavior	1	Negroiu Rodica-Cristina	MDPI - ENERGIES	1996-1073	3
					2	Svasta Paul			
					3	Vasile Alexandru			
					4	Ionescu Ciprian			
					5	Marghescu Cristina-Ioana			
194	2022	Aprilie	Negroiu, R; Svasta, P; Vasile, A; Ionescu, C; Marghescu, C	Comparison between Zubieta Model of Supercapacitors and their Real Behavior	1	Negroiu Rodica-Cristina	Elsevier - JOURNAL OF ELECTROANALYTICAL CHEMIS	1572-6657	4.1
					2	Svasta Paul			
					3	Vasile Alexandru			

					4	Ionescu Ciprian	TRY		
					5	Marghescu Cristina-Ioana			
195	2022	Februarie	Negroiu, R; Svasta, P; Vasile, A; Ionescu, C; Marghescu, C	Comparison between Zubieta Model of Supercapacitors and their Real Behavior	1	Negroiu Rodica-Cristina	MDPI - ENERGIES	1996-1073	3
					2	Svasta Paul			
					3	Vasile Alexandru			
					4	Ionescu Ciprian			
					5	Marghescu Cristina-Ioana			
196	2023	Iulie	Ionescu, C; Vasile, A; Negroiu, R.	Accurate Modeling of Supercapacitors for DC Operation Regime	1	Ionescu Ciprian	MDPI - ENERGIES	1996-1073	3
					2	Vasile Alexandru			
					3	Negroiu Rodica-Cristina			
197	2020	Aprilie	Ionescu, C; Vasile, A; Negroiu, R.	Accurate Modeling of Supercapacitors for DC Operation Regime	1	Ionescu Ciprian	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS	0278-0046	7.5
					2	Vasile Alexandru			
					3	Negroiu Rodica-Cristina			
198	2023	Noiembrie	Negroiu, R; Badalan, N; Vasile, A; Marghescu, C.	A Research of the Characteristics of Materials Used in the Construction of EDLCs	1	Negroiu Rodica-Cristina	Elsevier - JOURNAL OF ENERGY STORAGE	2352-152X	8.9
					2	Vasile Alexandru			
					3	Marghescu Cristina-Ioana			
199	2022	Aprilie	Vasile, A; Ionescu, C; Bacis, IB.	Impact Protection of Vehicles by Automatic Cutting of General Power Supply with GTO	1	Vasile Alexandru	MDPI - PROCESSES	2227-9717	2.8
					2	Ionescu Ciprian			
					3	Baciș Irina-Bristena			
200	2022	Decembrie	Ionescu, C; Dima, M; Bonfert, D.	Flicker Distortion Power Factor Analysis in Lighting	1	Ionescu Ciprian	MDPI - ELECTRONICS	2079-9292	2.6

				LED's					
201	2021	Martie	Ionescu, C; Dima, M; Bonfert, D.	Flicker Distortion Power Factor Analysis in Lighting LED's	1	Ionescu Ciprian	MDPI - ENERGI ES	1996- 1073	3
202	2020		Ionescu, C; Dima, M; Bonfert, D.	Flicker Distortion Power Factor Analysis in Lighting LED's	1	Ionescu Ciprian	PRZEGL AD ELEKTR OTECHN ICZNY	0033- 2097	0.4
203	2023		Ropoteanu, C; Svasta, P; Ionescu, C.	A Comparative Simulation Analysis of Toroid and Planar Magnetic Cores Near MHz Region	1	Svasta Paul	ARCHIV ES OF ELECTRI CAL ENGINE ERING	1427- 4221	1.2
					2	Ionescu Ciprian			
204	2023		Ropoteanu, C; Svasta, P; Ionescu, C.	A Comparative Simulation Analysis of Toroid and Planar Magnetic Cores Near MHz Region	1	Svasta Paul	IEEE ACCESS	2169- 3536	3.4
					2	Ionescu Ciprian			
205	2022	Decembrie	Ropoteanu, C; Svasta, P; Ionescu, C.	A Comparative Simulation Analysis of Toroid and Planar Magnetic Cores Near MHz Region	1	Svasta Paul	CHINES E JOURNA L OF ELECTRI CAL ENGINE ERING	2096- 1529	
					2	Ionescu Ciprian			
206	2021	Mai	Ropoteanu, C; Svasta, P; Ionescu, C.	A Comparative Simulation Analysis of Toroid and Planar Magnetic Cores Near MHz Region	1	Svasta Paul	AIP ADVAN CES	2158- 3226	1.4
					2	Ionescu Ciprian			
207	2020	Mai	Ropoteanu, C; Svasta, P; Ionescu, C.	A Comparative Simulation Analysis of Toroid and Planar Magnetic Cores Near MHz Region	1	Svasta Paul	MDPI - ELECTR ONICS	2079- 9292	2.6
					2	Ionescu Ciprian			
208	2020	August	Ropoteanu, C; Svasta, P; Ionescu,	A Comparative Simulation	1	Svasta Paul	CHILD NEUROP SYCHOL	0929- 7049	1.6

			C.	Analysis of Toroid and Planar Magnetic Cores Near MHz Region	2	Ionescu Ciprian	OGY		
209	2021	Ianuarie	Ropoteanu, C; Svasta, P; Ionescu, C.	A Study of Losses in Planar Transformers with Different Layer Structure	1	Svasta Paul	IEEE TRANSACTIONS ON POWER ELECTRONICS	0885-8993	6.6
					2	Ionescu Ciprian			
210	2023		Ropoteanu, C; Svasta, P; Ionescu, C.	Electro-thermal Simulation Study of Different Core Shape Planar Transformer	1	Svasta Paul	IEEE ACCESS	2169-3536	3.4
					2	Ionescu Ciprian			
211	2022	Octombrie	Ropoteanu, C; Svasta, P; Ionescu, C.	Electro-thermal Simulation Study of Different Core Shape Planar Transformer	1	Svasta Paul	MDPI - SUSTAINABILITY	2071-1050	3.3
					2	Ionescu Ciprian			
212	2020	Iunie	Ropoteanu, C; Svasta, P; Ionescu, C.	Electro-thermal Simulation Study of Different Core Shape Planar Transformer	1	Svasta Paul	MDPI - ENERGIES	1996-1073	3
					2	Ionescu Ciprian			
213	2022	Martie	Botau, A; Bonfert, D; Negrea, C; Svasta, P; Ionescu, C.	Electro-Thermal Analysis of Flexible Micro-Heater	1	Svasta Paul	Springer - BIOMEDICAL MICRODEVICES	1387-2176	3
					2	Ionescu Ciprian			
214	2022	Ianuarie	Botau, A; Bonfert, D; Negrea, C; Svasta, P; Ionescu, C.	Electro-Thermal Analysis of Flexible Micro-Heater	1	Svasta Paul	Springer - MICROFLUIDICS AND NANOFLOUIDICS	1613-4982	2.3
					2	Ionescu Ciprian			
215	2020	Ianuarie	Botau, A; Bonfert, D; Negrea, C; Svasta, P; Ionescu, C.	Electro-Thermal Analysis of Flexible Micro-Heater	1	Svasta Paul	ANALYST	0003-2654	3.6
					2	Ionescu Ciprian			
216	2024	August	Ionescu, C; Brânzei, M; Mihailescu, B; Bonfert, D.	Studies on Thermal Properties of Substrates for Electronics using IR Thermography	1	Ionescu Ciprian	MDPI - APPLIED SCIENCES-BASEL	2076-3417	2.5
					2	Mihăilescu Bogdan-Traian			
217	2022	Septembrie	Ionescu, C; Bonfert, D;	Optimization of a Heater	1	Ionescu Ciprian	Elsevier - MEASU	0263-2241	5.2

			Codreanu, ND; Svasta, P.	Geometry for Flexible Gas Sensor Applications	2	Codreanu Norocel-Dragoș	REMENT		
					3	Svasta Paul			
218	2022	Noiembrie	Drumea, A; Blejan, M; Ionescu, C.	Differential inductive displacement sensor with integrated electronics and infrared communication capabilities	1	Drumea Andrei	MDPI - SENSOR S	1424-8220	3.4
					2	Ionescu Ciprian			
					2	Ionescu Ciprian			
219	2024	Iunie	Perisoara, LA; Vasile, A; Sacaleanu, DI.	Vehicles Diagnosis based on LabVIEW and CAN interfaces	1	Vasile Alexandru	MDPI - WORLD ELECTRIC VEHICLE JOURNAL	2032-6653	2.6
220	2022	Februarie	Caramaliu, RV; Vasile, A; Bacis, I.	Wearable Vital Parameters Monitoring System	1	Vasile Alexandru	METHODS AND PROTOCOLS	2409-9279	2.3
					2	Baciș Irina-Bristena			
221	2021	Martie	Caramaliu, RV; Vasile, A; Bacis, I.	Wearable Vital Parameters Monitoring System	1	Vasile Alexandru	MDPI - SENSOR S	1424-8220	3.4
					2	Baciș Irina-Bristena			
222	2024	Iunie	Drumea, A; Vasile, A; Comes, M; Blejan, M.	System on chip signal conditioner for LVDT sensors	1	Drumea Andrei	MDPI - REMOTE SENSING	2072-4292	4.2
					2	Vasile Alexandru			
223	2021		Drumea, A; Vasile, A; Comes, M; Blejan, M.	System on chip signal conditioner for LVDT sensors	1	Drumea Andrei	SENSORS AND MATERIALS	0914-4935	1
					2	Vasile Alexandru			
224	2020		Drumea, A; Vasile, A; Comes, M; Blejan, M.	System on chip signal conditioner for LVDT sensors	1	Drumea Andrei	SENSORS AND MATERIALS	0914-4935	1
					2	Vasile Alexandru			
225	2020	August	Brodeala, A; Bonea, A; Alcade, A; Mihailescu, B; Vasile, A; Svasta, P.	Electrical Characterization of Ink-Jet Printed Organic Capacitors on Flexible Substrate	1	Mihăilescu Bogdan-Traian	SOLDERING & SURFACE MOUNT TECHNOLOGY	0954-0911	1.7
					2	Vasile Alexandru			
					3	Svasta Paul			
226	2023		Vasile, A; Vasile, I;	Rain sensor for automatic	1	Vasile Alexandru	IEEE ACCESS	2169-3536	3.4

			Nistor, A; Vladareanu , L; Pantazica, M; Caldararu, F; Bonea, A; Drumea, A; Plotog, I.	systems on vehicles	2	Baciș (Vasile) Irina-Bristena			
					3	Pantazică Mihaela			
					4	Drumea Andrei			
227	2024	Noiembrie	Ficai, D; Gheorghe, M; Dolete, G; Mihailescu , B; Svasta, P; Ficai, A; Constantin escu, G; Andronesc u, E.	Microelectro mechanical Systems Based on Magnetic Polymer Films	1	Mihăilescu Bogdan- Traian	IEEE SENSOR S JOURNA L	1530- 437X	4.3
					2	Svasta Paul			
228	2024	Decembrie	Ficai, D; Gheorghe, M; Dolete, G; Mihailescu , B; Svasta, P; Ficai, A; Constantin escu, G; Andronesc u, E.	Microelectro mechanical Systems Based on Magnetic Polymer Films	1	Mihăilescu Bogdan- Traian	SENSOR S AND ACTUAT ORS A- PHYSIC AL	0924- 4247	4.1
					2	Svasta Paul			
229	2024	Aprilie	Ficai, D; Gheorghe, M; Dolete, G; Mihailescu , B; Svasta, P; Ficai, A; Constantin escu, G; Andronesc u, E.	Microelectro mechanical Systems Based on Magnetic Polymer Films	1	Mihăilescu Bogdan- Traian	SMART MATERI ALS AND STRUCT URES	0964- 1726	3.7
					2	Svasta Paul			
230	2024	Mai	Ficai, D; Gheorghe, M; Dolete, G; Mihailescu , B; Svasta, P; Ficai, A; Constantin escu, G; Andronesc u, E.	Microelectro mechanical Systems Based on Magnetic Polymer Films	1	Mihăilescu Bogdan- Traian	JOURNA L OF POLYME R SCIENC E	2642- 4150	3.9
					2	Svasta Paul			
231	2022	Noiembrie	Ficai, D; Gheorghe, M; Dolete,	Microelectro mechanical Systems	1	Mihăilescu Bogdan- Traian	Springer - APPLIED PHYSICS	0947- 8396	2.5

			G; Mihailescu, B; Svasta, P; Ficai, A; Constantinescu, G; Andronescu, E.	Based on Magnetic Polymer Films	2	Svasta Paul	A-MATERIALS SCIENCE & PROCESSING		
232	2020	Mai	Mihailescu, B; Svasta, P; Marghescu, C; Borcea, A.	Clusters as a Catalyst for Developing Human Resources for the Internet of Things Industry	1	Mihăilescu Bogdan-Traian	MDPI - SUSTAINABILITY	2071-1050	
					2	Svasta Paul			
					3	Marghescu Cristina-Ioana			
233	2021	Decembrie	Andreea, MI; Mihailescu, B; Svasta, P; Hehlgers, J; Pupeza, D.	Self-Switching Antenna for Higher Efficiency in RFID applications	1	Mihăilescu Bogdan-Traian	IEEE JOURNAL OF RADIO FREQUENCY IDENTIFICATION	2469-7281	2.3
					2	Svasta Paul			
234	2022	Iulie	Zarnescu, A; Ungurelu, R; Secere, M; Varzaru, G; Mihailescu, B.	Implementing a large LoRa network for an agricultural application	1	Vărzaru Gaudențiu	MDPI - SENSORS	1424-8220	3.4
					2	Mihăilescu Bogdan-Traian			
235	2022	Septembrie	Mihailescu, B; Svasta, P; Varzaru, G.	HYBRID SUPERCAPACITOR-BATTERY ELECTRIC SYSTEM WITH LOW ELECTROMAGNETIC EMISSIONS FOR AUTOMOTIVE APPLICATIONS	1	Mihăilescu Bogdan-Traian	MDPI - APPLIED SCIENCES-BASEL	2076-3417	2.5
					2	Svasta Paul			
					3	Vărzaru Gaudențiu			
236	2023	Ianuarie	Plotog, I; Varzaru, G; Mihailescu, B; Branzei, M; Bibis, A; Cristea, I.	Lead/Lead Free Solder Joints Comparative Shear Tests Function of Working Temperature and Soldering Thermal Profile	1	Vărzaru Gaudențiu	IEEE TRANSACTIONS ON POWER ELECTRONICS	0885-8993	6.6
					2	Mihăilescu Bogdan-Traian			

237	2021	Aprilie	Plotog, I; Varzaru, G; Mihailescu, B; Branzei, M; Bibis, A; Cristea, I.	Lead/Lead Free Solder Joints Comparative Shear Tests Function of Working Temperature and Soldering Thermal Profile	1	Vărzaru Gaudențiu	JOURNAL OF PHASE EQUILIBRIA AND DIFFUSION	1547-7037	1.5
					2	Mihăilescu Bogdan-Traian			
238	2023	Mai	Enache, A; Draghici, F; Mitu, F; Pascu, R; Pristavu, G; Pantazica, M; Brezeanu, G.	PLL-Based Readout Circuit for SiC-MOS Capacitor Hydrogen Sensors in Industrial Environments	1	Pantazică Mihaela	Springer - JOURNAL OF MATERIALS SCIENCE- MATERIALS IN ELECTRONICS	0957-4522	2.8
239	2022	Septembrie	Enache, A; Draghici, F; Mitu, F; Pascu, R; Pristavu, G; Pantazica, M; Brezeanu, G.	PLL-Based Readout Circuit for SiC-MOS Capacitor Hydrogen Sensors in Industrial Environments	1	Pantazică Mihaela	Elsevier - SENSORS AND ACTUATORS B-CHEMICAL	0925-4005	8
240	2022	Iulie	Enache, A; Draghici, F; Mitu, F; Pascu, R; Pristavu, G; Pantazica, M; Brezeanu, G.	PLL-Based Readout Circuit for SiC-MOS Capacitor Hydrogen Sensors in Industrial Environments	1	Pantazică Mihaela	Elsevier - ORGANIC ELECTRONICS	1566-1199	2.7
241	2024	Mai	Moise, MV; Pantazica, M; Nedelcu, BS.	Implementation of a Wireless Measuring and Data Acquisition System for Hydro-generator Monitoring	1	Moise Mădălin-Vasile	MDPI - ELECTRONICS	2079-9292	2.6
					2	Pantazică Mihaela			
242	2024	Februarie	Moise, MV; Pantazica, M; Nedelcu, BS.	Implementation of a Wireless Measuring and Data Acquisition System for Hydro-generator Monitoring	1	Moise Mădălin-Vasile	MDPI - MEASUREMENT	0263-2241	5.2
					2	Pantazică Mihaela			

243	2024	August	Vasile, DC; Svasta, P; Pantazica, M.	Preventing the Temperature Side Channel Attacks on Security Circuits	1	Svasta Paul	MDPI - ENERGI ES	1996-1073	3
					2	Pantazică Mihaela			
244	2024	Iulie	Vasile, DC; Svasta, P; Pantazica, M.	Preventing the Temperature Side Channel Attacks on Security Circuits	1	Svasta Paul	MDPI - SENSORS	1424-8220	3.4
					2	Pantazică Mihaela			
245	2024	Mai	Vasile, DC; Svasta, P; Pantazica, M.	Preventing the Temperature Side Channel Attacks on Security Circuits	1	Svasta Paul	MDPI - SENSORS	1424-8220	3.4
					2	Pantazică Mihaela			
246	2023	Aprilie	Vasile, DC; Svasta, P; Pantazica, M.	Preventing the Temperature Side Channel Attacks on Security Circuits	1	Svasta Paul	MDPI - ENERGI ES	1996-1073	3
					2	Pantazică Mihaela			
247	2022	Noiembrie	Vasile, DC; Svasta, P; Pantazica, M.	Preventing the Temperature Side Channel Attacks on Security Circuits	1	Svasta Paul	MDPI - ENERGI ES	1996-1073	3
					2	Pantazică Mihaela			
248	2022	Mai	Vasile, DC; Svasta, P; Pantazica, M.	Preventing the Temperature Side Channel Attacks on Security Circuits	1	Svasta Paul	MDPI - ENERGI ES	1996-1073	3
					2	Pantazică Mihaela			
249	2021	Octombrie	Vasile, DC; Svasta, P; Pantazica, M.	Preventing the Temperature Side Channel Attacks on Security Circuits	1	Svasta Paul	MDPI - ENERGI ES	1996-1073	3
					2	Pantazică Mihaela			
250	2023	Decembrie	Drumea, A; Pantazica, M; Marghescu, C.	Study on available photovoltaic energy inside office building rooms	1	Drumea Andrei	GREEN ENERGY AND INTELLIGENT TRANSPORTATION	2097-2512	
					2	Pantazică Mihaela			
					3	Marghescu Cristina-Ioana			
251	2024	Decembrie	Pantazica, M; Svasta, P; Wohlrabe, H; Wolter, KJ.	Factors Influencing the Formation of Voids in Chip Component Solder Joints	1	Pantazică Mihaela	Springer - WELDING IN THE WORLD	0043-2288	2.4
					2	Svasta Paul			

252	2024	Septembrie	Pantazica, M; Svasta, P; Wohlrabe, H; Wolter, KJ.	Factors Influencing the Formation of Voids in Chip Component Solder Joints	1	Pantazică Mihaela	Elsevier - MICROELECTRONIC ENGINEERING	0167-9317	2.6
					2	Svasta Paul			
253	2024	Ianuarie-Februarie	Pantazica, M; Svasta, P; Wohlrabe, H; Wolter, KJ.	Factors Influencing the Formation of Voids in Chip Component Solder Joints	1	Pantazică Mihaela	Elsevier - JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	2238-7854	6.2
					2	Svasta Paul			
254	2023	Mai	Pantazica, M; Svasta, P; Wohlrabe, H; Wolter, KJ.	Factors Influencing the Formation of Voids in Chip Component Solder Joints	1	Pantazică Mihaela	Springer - WELDING IN THE WORLD	0043-2288	2.4
					2	Svasta Paul			
255	2023	Ianuarie-Februarie	Pantazica, M; Svasta, P; Wohlrabe, H; Wolter, KJ.	Factors Influencing the Formation of Voids in Chip Component Solder Joints	1	Pantazică Mihaela	Elsevier - JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T	2238-7854	6.2
					2	Svasta Paul			
256	2024	Iulie	Moise, MV; Niculescu, AM; Pavel, DM; Otoi, M.	IoT Environmental Monitoring and Control System in a Research Centre	1	Moise Mădălin-Vasile	MDPI - SENSORS	1424-8220	3.4
257	2024		Moise, MV; Niculescu, AM; Dumitrascu, A.	Integration of Internet of Things technology into a pill dispenser	1	Moise Mădălin-Vasile	JOURNAL OF BIOMIMETICS BIOMATERIALS AND BIOMEDICAL ENGINEERING	2296-9837	0.5
258	2021	Decembrie	Moise, MV; Niculescu, AM; Dumitrascu, A.	Integration of Internet of Things technology into a pill dispenser	1	Moise Mădălin-Vasile	MOBILE INFORMATION SYSTEMS	1574-017X	1.863

259	2022	septembrie	Krzyszton, Mateusz, Bok, Bartosz, Lew, Marcin, Sikora, Andrzej	Control of Industrial Systems Using Android-Based Devices	1	Andrei Drumea	SENSOR S	1424-8220	3.4
260	2020	octombrie	Sahin, Savas, Sahan, Burak, Yolcu, Cihan	Control of Industrial Systems Using Android-Based Devices	1	Andrei Drumea	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	1868-5137	3.662
261	2020	septembrie	Wu, Yongya; Ma, Jun; Sun, Yufei; Tang, Meng; Kong, Lu	Investigation on Current Capabilities of Ni-Based Conductive Pastes for PCB Repair	1	Cristina Marghescu	CHEMOSPHERE	0045-6535	8.1
					2	Andrei Drumea			
					3	Bogdan Mihailescu			
262	2020	decembrie	Ujfalusi, Zoltan; Pentek, Attila; Told, Roland; Schiffer, Adam; Nyitrai, Miklos; Maroti, Peter	Thermal and Electrical Investigation of Graphene-Enhanced Conductive Polylactic Acid Based Filaments for 3D-Printing	1	Andrei Drumea	POLYMERS	2073-4360	4.7
					2	Cristina Marghescu			
263	2021	decembrie	Lim, Chin Huat Joel; Suchand Sandeep, C. S.; Murukeshan, Vadakke Matham; Kim, Young-Jin	Analysis of Current Carrying Capacity of Silver-based Conductive Pastes for PCB Repair	1	Andrei Drumea	ADVANCED MATERIALS TECHNOLOGIES	2365-709X	6.4
					2	Cristina Marghescu			

264	2023	martie	Hernandez, Danilo Caceres; Gutierrez, Ricardo; Kung, Kelvin; Rodriguez, Juan; Lao, Oscar; Contreras, Kenji; Jo, Kang-Hyun; Sanchez-Galan, Javier E	INTELLIGENT SYSTEM FOR PRECISION AGRICULTURE	1	Cristina Marghescu	NEUROCOMPUTING	1872-8286	5.5
265	2022	mai	Abouelmehdi, Karim; Elhattab, Kamal; El Moutaouakil, Abdelmajid	INTELLIGENT SYSTEM FOR PRECISION AGRICULTURE	1	Cristina Marghescu	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2158-107X	0.7
266	2021		Abdul-Qawy, Antar Shaddad Hamed; Nasser, Abdullah B.; Guroob, Abdo H.; Saad, Abdul-Malik H. Y.); Alduais, Nayef Abdulwahab Mohammed; Khatri, Narendra	INTELLIGENT SYSTEM FOR PRECISION AGRICULTURE	1	Cristina Marghescu	IEEE ACCESS	2169-3536	3.4

5.2. Brevete de invenție

5.2.1. Descriere brevete

a) acordate

Anul acordării	Nr. brevet	Nr total autori pe brevet	Autori care sunt membri pe centru		Denumirea brevetului *	Titularul brevetului	Instituția care a acordat brevetul	Tip de brevet - național OSIM, - european EPO - internațional (USPTO, WIPO)
			Nr.Crt.	Numele autorilor				

*Se iau în calcul doar brevetele care au afiliere instituțională la instituția gazda a centrului

b) depuse (cereri de brevete)

Anul depunerii	Luna depunerii	Nr total autori pe brevet	Autori care sunt membri pe centru		Denumirea brevetului *	Titularul brevetului	Instituția care va acorda brevetul	Tip de brevet național OSIM, european EPO - internațional (USPTO, WIPO)
			Nr.Crt.	Numele autorilor				

*Se iau în calcul doar brevetele care au afiliere instituțională la instituția gazda a centrului

5.2.2. Număr de citări de brevete în sistemul WoS

Nr. crt.	Data citării		Autor(i)	Denumirea brevetului citat	Titlul articolului	Revista ISI în care a fost citat	ISSN	Factorul de impact
	An	Luna						

5.3. Performanțe în transferul tehnologic al cercetării: Produse, tehnologii, studii, servicii rezultate din activitatea de cercetare transferate/comandate către/de beneficiari

5.3.1. Produse aplicate

Anul predării	Contractul care a generat produsul	Denumirea produsului	Nr total autori pe produs	Autori care SUNT membri ai centrului		Instituția beneficiară
				Nr.Crt.	Numele autorilor	
2021	Dezvoltare Integrata 4.0	Serviciu de modelare si optimizare termica a modulelor electronice în regim tranzitoriu	3	1	Moise Mădălin-Vasile	INFINEON România
				2	Mihăilescu Bogdan-Traian	
				3	Codreanu Norocel-Dragoș	

5.3.2. Tehnologii aplicate

Anul predării	Contractul care a generat tehnologia	Denumirea tehnologiei	Nr total autori pe tehnologie	Autori care sunt membri ai centrului		Instituția beneficiară
				Nr.Crt.	Numele autorilor	
2022	COMPACT	Tehnologie de asamblare a modulelor electronice fără aliaj prin încapsulare	6	1	Vărzaru Gaudențiu	SYSWIN Solutions
				2	Mihăilescu Bogdan-Traian	
				3	Ionescu Ciprian	
				4	Pantazică Mihaela	

5.3.3. Serviciul aplicat

Denumirea serviciului	Nr total autori pe serviciu	Autori care SUNT membri ai centrului	
		Nr.crt.	Numele autorilor
Proiectare, cercetare și dezvoltare și producție de module electronice, auto și microelectronice	5	5	Paul Svasta Norocel Dragoș Codreanu Ciprian Ionescu Alexandru Vasile Andrei Drumea
Investigații mecanice ale pachetelor electronice	2	2	Bogdan Mihăilescu
Managementul termic al modulelor și sistemelor electronice	2	2	Norocel Dragoș Codreanu Ciprian Ionescu
Modelarea și simularea modulelor electronice	3	3	Norocel Dragoș Codreanu Ciprian Ionescu Mihaela Pantazică
Tehnologii și procese electronice	3	3	Paul Svasta Norocel Dragoș Codreanu Ciprian Ionescu
Proiectare PCB și prototipare	4	4	Norocel Dragoș Codreanu Ciprian Ionescu Mihaela Pantazică Bogdan Mihăilescu
Investigații avansate ale noilor materiale pentru electronice	3	3	Paul Svasta Bogdan Mihăilescu Cristina Marghescu
Măsurători electronice complexe	4	4	Ciprian Ionescu Bogdan Mihăilescu Mihaela Pantazică Cristina Marghescu
Asamblare și testare SMT	2	2	Bogdan Mihăilescu
Caracterizarea componentelor electronice pasive	4	4	Paul Svasta Ciprian Ionescu Alexandru Vasile Andrei Drumea

5.4. Lucrări științifice prezentate la conferințe internaționale

Date Conferință				NR. Total autori pe lucrare	Autori care SUNT membri din centru		Titlul lucrării	Conferința
Anul	Pagina	ISSN	ISBN		Nr. autori	Numele și prenumele autorilor		
2020	1-5		978-1-7281-0362-4	5	2	Varzaru Gaudentiu; Bogdan Mihailescu	Implementing a large LoRa network for an agricultural application	2020 7th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE)
2020	1-6	2161-2536	978-1-7281-6773-2	2	2	Constantin Ropoteanu; Paul Svasta	Influence of Core Temperature on the Efficiency of a Planar Transformer	2020 43rd International Spring Seminar on Electronics Technology (ISSE)
2020	1-4	2161-2536	978-1-7281-6773-2	5	2	Bogdan Mihailescu; Paul Svasta	Self-Switching Antenna for Higher Efficiency in RFID applications	2020 43rd International Spring Seminar on Electronics Technology (ISSE)
2020	1-4	2161-2536	978-1-7281-6773-2	3	2	Madalin Vasile Moise; Paul Mugur Svasta	Programable IoT Pills Dispenser	2020 43rd International Spring Seminar on Electronics Technology (ISSE)
2020	407-410		978-1-7281-5611-8	4	1	Cristina Marghescu	Intelligent System for Precision Agriculture	2020 13th International Conference on Communications (COMM)

2020				5	4	Ciprian Ionescu, Norocel Codreanu, Alexandru Vasile, Paul Svasta	Temperature dependence of I-V characteristics of dye sensitized solar cells	Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies 2020
2020				3	3	Andrei Drumea, Cristina Marghescu, Mihaela Pantazica	Modelling and simulation of datalogging embedded module with solar panel supply and NiMH battery energy storage	Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies 2020
2020	1-6		978-1-7281-6293-5	3	3	Daniel-Ciprian Vasile; Sorin Chițu; Paul Svasta	Cryptographic Key Derivation from an Anti-Tamper Solution	2020 IEEE 8th Electronics System-Integration Technology Conference (ESTC)
2020	1-4		978-1-7281-6293-5	5	2	Paul Mugur Svasta; Ciprian Ionescu	Organic Electrical Passive Components Based on Polyaniline	2020 IEEE 8th Electronics System-Integration Technology Conference (ESTC)
2020	1-4		978-1-7281-6293-5	3	2	Madalin Vasile Moise; Paul Mugur Svasta	Implementation of a prototype air-quality detection network system with geolocation	2020 IEEE 8th Electronics System-Integration Technology Conference (ESTC)
2020	1-4		978-1-7281-7506-5	4	1	Paul Svasta	Education 4.0: Smart Blended Learning Assisted by Artificial Intelligence, Biofeedback and Sensors	2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME)

2020	67-70		978-1-7281-7506-5	7	4	Ciprian Ionescu; Bogdan Mihailescu; Paul Svasta; Gaudentiu Varzaru	Investigations at the Interface of a Multilayer Structure Made of Non-Conductive and Conductive Resins	2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2020	102-105		978-1-7281-7506-5	4	1	Paul Svasta	Intelligent Warning System for Drivers	2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2020	106-108		978-1-7281-7506-5	4	4	Sorin Chițu; Daniel Ciprian Vasile; Tudor Ioan Honceriu; Paul Svasta	Algorithm to Design Conductive Mesh for Tamperproof Envelope	2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2020	114-117		978-1-7281-7506-5	4	1	Paul Svasta	Intelligent System for Vehicle Recognition	2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2020	196-201		978-1-7281-7506-5	2	2	Călin Mircea; Svasta Paul	Impedance matching for UHF band antennas on ceramic substrate	2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2020	202-205		978-1-7281-7506-5	4	4	Sorin Chițu; Daniel Ciprian Vasile; Ionuț Daniel Trămândan; Paul Svasta	Key Expansion in Cryptographic Systems	2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME)

2020	211-214		978-1-7281-7506-5	4	2	Paul Mugur Svasta; Madalin Vasile Moise	High Performance Interconnecting Technique using Power Line Communication	2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2020	298-303		978-1-7281-7506-5	5	1	Paul Svasta	Education 4.0: An Adaptive Framework with Artificial Intelligence, Raspberry Pi and Wearables - Innovation for Creating Value	2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2020	314-317		978-1-7281-7506-5	3	2	Madalin Vasile Moise; Paul Mugur Svasta	Integrated topics approach for teamwork students projects	2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2020	404-407		978-1-7281-7506-5	3	3	Alexandru Vasile; Ciprian Ionescu; Irina Bristena Bacis	Impact Protection of Vehicles by Automatic Cutting of General Power Supply with GTO	2020 IEEE 26th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2021	1443-1448	2165-9567	978-1-7281-8478-4	2	1	Paul Svasta	Education 4.0: AI Empowers Smart Blended Learning Process with Biofeedback	2021 IEEE Global Engineering Education Conference (EDUCON)
2021	1-6		978-1-6654-2534-6	10	2	Norocel Codreanu; Madalin Moise	Electronic Circuit for Differential Measurement using Resonant Sensors: Designing Approach	2021 13th International Conference on Electronics, Computers and Artificial Intelligence (ECAI)

2021	1-6		978-1-6654-2534-6	3	1	Irina-Bristena Baciş	Virtual Instruments Cluster for Monitoring of Electric Vehicle Testing Platform	2021 13th International Conference on Electronics, Computers and Artificial Intelligence (ECAI)
2021	1-3	2161-2536	978-1-6654-1477-7	8	7	Mădalin Vasile Moise; Paul Svasta; Norocel Codreanu; Ciprian Ionescu; Mihaela Pantazică; Alexandru Vasile; Bogdan Mihailescu	Chip and Board Scale Transient Thermal Simulations for Power MOS Devices Reliability Analysis	2021 44th International Spring Seminar on Electronics Technology (ISSE)
2021	1-6	2161-2536	978-1-6654-1477-7	8	4	Ciprian Ionescu; Gaudentiu Varzaru; Bogdan Mihailescu; Paul Mugur Svasta	On the Increase of the Current Carrying Capability of the Conductor Tracks Made of Electrically Conductive Adhesive	2021 44th International Spring Seminar on Electronics Technology (ISSE)
2021	1-6	2161-2536	978-1-6654-1477-7	2	1	Irina Bristena Baciş	Early-Stage Control of Oxygen Sensors for ICE Engines Using Digital Adaptive Filtering	2021 44th International Spring Seminar on Electronics Technology (ISSE)
2021	45-50	2642-7036	978-1-6654-2110-2	4	1	Paul Svasta	Education 4.0: Innovation Learning Lab for AI-Analysis and Concept Proposal,	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)

2021	77-80	2642-7036	978-1-6654-2110-2	2	2	Călin Mircea; Svasta Paul	Wearable 2.4GHz Antenna on Textile Substrate	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2021	121-124	2642-7036	978-1-6654-2110-2	4	1	Paul Svasta	Effects of Pollution on Radio Transmissions	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2021	129-132	2642-7036	978-1-6654-2110-2	4	1	Paul Svasta	Advantages of Using Battery Cell Balancing Technology in Energy Storage Media in Electric Vehicles	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2021	222-225	2642-7036	978-1-6654-2110-2	3	2	Irina Bristena Baciș; Alexandru Vasile	Research on the Extension of the Life Cycle of High Power Electricity Storage Devices	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2021	226-229	2642-7036	978-1-6654-2110-2	6	4	Gaudentiu Varzaru; Bogdan Mihailescu; Ciprian Ionescu; Paul Svasta	Vibration Testing of a Solderless Electronic Module Manufactured by Additive Technique	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2021	268-271	2642-7036	978-1-6654-2110-2	5	1	Paul Svasta	Education 4.0 Lab for Digital Innovation Units – Collaborative Learning in Time of COVID-19 Pandemic	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)

2021	313-316	2642-7036	978-1-6654-2110-2	4	4	Cristina Marghescu; Andrei Drumea; Mihaela Pantazică; Norocel Codreanu	COVID-19: the Shift to E-learning - Student's Perception and Outlooks	2021 IEEE 27th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2022	1-4		978-1-6654-0709-0	3	1	Norocel Codreanu	Electronic System for Control of a Submersible Water Pump	2022 8th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE)
2022			978-1-6654-9535-6	5	1	Irina Bristena Baciş	SPICE Implementation of Digital Counters for Battery Management Systems Used in Energy Storage Systems	2022 14th International Conference on Electronics, Computers and Artificial Intelligence (ECAI)
2022	1-6	2161-2536	978-1-6654-6589-2	2	1	Paul Svasta	Development and Validation of the Wheel Speed Sensor Interface Based on V-model Method	2022 45th International Spring Seminar on Electronics Technology (ISSE)
2022	1-4		978-1-6654-9485-4	3	1	Paul Svasta	Full Wave Electromagnetic Analysis of Coupling in High Speed Microstrip Single Ended Lines with Different Separations	2022 14th International Conference on Communications (COMM)
2022				5	2	Andrei Drumea, Cristina Marghescu	Aspects of using optical commands for galvanic isolation in industrial applications	Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies 2022

2022				4	2	Andrei Drumea, Mihaela Pantazica	Datalogging embedded module with flexible solar panel supply	Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies 2022
2022				1	1	Andrei Drumea	Aspects of optical and inductive displacement sensors for industrial applications	Advanced Topics in Optoelectronics, Microelectronics and Nanotechnologies 2022
2022	87-90		978-1-6654-8947-8	5	3	Rodica Negroiu; Paul Svasta; Irina Madalina Ioneci Burcea	Investigations on experimental data obtained by Electrochemical Impedance Spectroscopy on Supercapacitors Structures	2022 IEEE 9th Electronics System-Integration Technology Conference (ESTC)
2022	97-100		978-1-6654-8947-8	3	2	Alexandru Vasile; Irina Bristena Baciş	Platform for Research on the Conditions of Use of LiFePO ₄ Batteries in Order to Increase Their Service Life	2022 IEEE 9th Electronics System-Integration Technology Conference (ESTC)
2022	106-109		978-1-6654-8947-8	5	1	Paul Svasta	Electrochemical deposition of polyaniline for supercapacitor applications	2022 IEEE 9th Electronics System-Integration Technology Conference (ESTC)
2022	110-113		978-1-6654-8947-8	2	2	George Florea; Norocel Codreanu	Electronic System for the Management of a Beehive	2022 IEEE 9th Electronics System-Integration Technology Conference (ESTC)
2022	141-144		978-1-6654-8947-8	6	3	Bogdan Mihailescu; Ciprian Ionescu; Gaudentiu Varzaru	Investigations on the Robustness of a Solderless Assembled Electronic Module	2022 IEEE 9th Electronics System-Integration Technology Conference (ESTC)

2022	282-291		978-1-6654-8947-8	6	3	Bogdan Mihailescu; Paul Svasta; Cristina Marghescu	Virtual Collaboration with Agile Methods in Engineering Education 4.0 - Jump to Digital Innovation Units in the New Normal	2022 IEEE 9th Electronics System-Integration Technology Conference (ESTC)
2022	301-305		978-1-6654-8947-8	5	2	Mădălin Vasile Moise; Paul Mugur Svasta	TIE-M - Promoting Learning with Competition	2022 IEEE 9th Electronics System-Integration Technology Conference (ESTC)
2022	306-309		978-1-6654-8947-8	3	2	Moise Madalin Vasile; Svasta Paul	Implementation Of A Measurement Platform For Examining Passive Components And Circuits	2022 IEEE 9th Electronics System-Integration Technology Conference (ESTC)
2022	504-508		978-1-6654-8947-8	2	1	Paul Svasta	Test Equipment Development and Failure Diagnosis Using Sensor Emulators Built with CMOS Analog Multiplexers	2022 IEEE 9th Electronics System-Integration Technology Conference (ESTC)
2022	541-544		978-1-6654-8947-8	3	2	Alexandru Vasile; Irina Bristena Baciş	Technological Platform for Adjustment and Testing of Hybrid Electronic Voltage Regulators for Cars	2022 IEEE 9th Electronics System-Integration Technology Conference (ESTC)
2022	585-588		978-1-6654-8947-8	2	2	Călin Mircea; Svasta Paul	Wearable triple band WLAN antenna on leather belt,	2022 IEEE 9th Electronics System-Integration Technology Conference (ESTC)

2022	614-617		978-1-6654-8947-8	5	2	Paul Svasta; Madalin Moise	Analysis of the Degree of Congestion of WiFi, Bluetooth and ZigBee Communication Media	2022 IEEE 9th Electronics System-Integration Technology Conference (ESTC)
2022	23-26	2642-7036	978-1-6654-6101-6	5	4	Paul Svasta; Madalin Moise	Analysis of Different Types of Wireless Communication Modules With a Real-Time Spectrum Analyzers	2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2022	27-30	2642-7036	978-1-6654-6101-6	4	1	Paul Svasta	Electromagnetic and Electric Field Radiation inside Electric Vehicles and Classic Vehicles	2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2022	48-51	2642-7036	978-1-6654-6101-6	3	2	Bratu Claudiu Andrei; Călin Mircea; Svasta Paul	Gesture Interaction with 3D Printed Hybrid Compression and Inertial Tracking Device Based on Plastic Embedded Antenna for Virtual Reality Integration	2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2022	100-103	2642-7036	978-1-6654-6101-6	3	2	Norocel Codreanu; Mihaela Pantazică	Design and analysis of hybrid couplers using lumped elements and microstrip topology	2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2022	104-108	2642-7036	978-1-6654-6101-6	3	2	Irina Bristena Baciș; Alexandru Vasile	EDLC Hybrid System for Engine Starting and Energy Recovery when Braking Vehicles	2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging (SIITME)

2022	167-171	2642-7036	978-1-6654-6101-6	3	2	Irina Bristena Baciş; Alexandru Vasile	Platform for researching the conversion efficiency of solar energy into electricity for vehicles	2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2022	181-184	2642-7036	978-1-6654-6101-6	4	2	Bogdan Mihailescu; Gaudentiu Varzaru	Measurement of some properties for material qualification in solderless assembly for electronics	2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2022	201-204	2642-7036	978-1-6654-6101-6	5	3	Rodica Negroiu; Paul Svasta; Irina Madalina Ioneci Burcea;	Investigations regarding the increase of the nominal voltage of the supercapacitors	2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2022	209-213	2642-7036	978-1-6654-6101-6	2	1	Paul Svasta	Current Implementations of Fluid Level Sensors from an Automotive Safety Perspective	2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2022	218-222	2642-7036	978-1-6654-6101-6	2	1	Mihaela Pantazică	Air Quality Monitoring System Inside and Outside a Vehicle	2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2022	223-226	2642-7036	978-1-6654-6101-6	3	2	Alexandru Vasile; Paul Svasta	Multisensor Data Acquisition Using a Portable Electronic System	2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging (SIITME)

2022	227-231	2642-7036	978-1-6654-6101-6	3	2	Madalin Vasile Moise; Mihaela Pantazică	Implementation of a Wireless Measuring and Data Acquisition System for Hydro-generator Monitoring	2022 IEEE 28th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2023	1-4	2159-3604	979-8-3503-3193-6	6	2	Irina Bristena Bacîș; Alexandru Vasile	Advanced Down-Counting Operation in SPICE	2023 13th International Symposium on Advanced Topics in Electrical Engineering (ATEE)
2023	1-5	2161-2536	979-8-3503-3484-5	6	2	Ciprian Ionescu; Paul Svasta	Data Analysis for Several Dye-Sensitized Solar Cells Tested at Different Wavelengths and Lighting Conditions	2023 46th International Spring Seminar on Electronics Technology (ISSE)
2023	1-5	2161-2536	979-8-3503-3484-5	5	2	Marius-Cristian Mareș; Paul Svasta	Exploring the Photo-Electrochemical Processes of the Parallel Connected DSSCs in Indoor Conditions	2023 46th International Spring Seminar on Electronics Technology (ISSE)
2023	1-6	2161-2536	979-8-3503-3484-5	4	2	Madalin Vasile Moise; Paul Svasta	Electrical Behaviour of MLCC Type 2 Capacitors Under Mechanical Quasi-Static Stress	2023 46th International Spring Seminar on Electronics Technology (ISSE)
2023	1-4	2161-2536	979-8-3503-3484-5	7	5	Irina Mădălina Burcea; Rodica Negroiu; Ciprian Ionescu; Cristina Marghescu; Paul Svasta	Comparison of Nanocomposites based on PDMS and Conductive Nanomaterials for the realization of Supercapacitors	2023 46th International Spring Seminar on Electronics Technology (ISSE)

2023	1-5	2161-2536	979-8-3503-3484-5	6	3	Norocel Codreanu; Paul Svasta; Ciprian Ionescu	Extracurricular Environment for Electronics Packaging Knowledge Integration	2023 46th International Spring Seminar on Electronics Technology (ISSE)
2023	1-4	2161-2536	979-8-3503-3484-5	3	2	Madalin Vasile Moise; Mihaela Pantazica	IoT Portable Patient Health Monitoring System using MEMS Sensors	2023 46th International Spring Seminar on Electronics Technology (ISSE)
2023	1-5	2161-2536	979-8-3503-3484-5	4	4	Corina Ruxandra Mitulescu; Mădălin Vasile Moise; Bogdan Mihailescu; Paul Svasta	Optimization for Power Supplies Thermal Regime	2023 46th International Spring Seminar on Electronics Technology (ISSE)
2023	1-5	2161-2536	979-8-3503-3484-5	3	3	Irina Madalina Burcea; Paul Svasta; Rodica Negroiu	The Influence of the Equivalent Series Resistance (ESR) on the Functional Behaviour of Electrochemical Double Layer Capacitors (EDLCs)	2023 46th International Spring Seminar on Electronics Technology (ISSE)
2023	1-5	2161-2536	979-8-3503-3484-5	2	1	Paul Svasta	Transition to Digital Twin for Automotive Sensor Interfaces Test Equipment	2023 46th International Spring Seminar on Electronics Technology (ISSE)
2023	1-4	2161-2536	979-8-3503-3484-5	4	2	Irina Bristena Bacis; Alexandru Vasile	Implementation of a Resistive Pressure Sensor Made With “Linqstat” for Automotive	2023 46th International Spring Seminar on Electronics Technology (ISSE)
2023	73-76	2642-7036	979-8-3503-4411-0	3	3	Călin Mircea; Svasta Paul; Mihailescu Bogdan	Textile and Plastic Materials Study for Radiofrequency Structure Fabrication	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)

2023	87-90	2642-7036	979-8-3503-4411-0	5	1	Paul Svasta	Performance of Lithium Ion Cells used in Electric Vehicles depending on their Internal Resistance	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2023	132-137	2642-7036	979-8-3503-4411-0	3	2	Ciprian Ionescu; Paul Svasta	Comparative Studies of Temperature Influence on Characteristics of Dye Sensitized and Silicon Based Solar Cells	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2023	142-146	2642-7036	979-8-3503-4411-0	3	3	Irina Madalina Burcea; Rodica Negroiu; Paul Svasta	Development of Cost Effective and Environmentally Friendly Supercapacitors	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2023	162-166	2642-7036	979-8-3503-4411-0	4	4	Corina Mitulescu Sandulescu; Bogdan Mihailescu; Madalin Moise; Paul Svasta	Condition Monitoring on Inverters for Enhanced Reliability	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2023	167-172	2642-7036	979-8-3503-4411-0	6	3	Corina Mitulescu Sandulescu;; Paul Svasta; Bogdan Mihailescu	Thermoelectrical Parameters of SiC PiN Diodes with New Die Attachment Ag Paste	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2023	173-176	2642-7036	979-8-3503-4411-0	8	1	Paul-Mugur Svasta	TIE-M Plus: Promoting Structural Analysis Learning with Competition	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)

2023	185-188	2642-7036	979-8-3503-4411-0	4	2	Mădălin Vasile Moise; Paul Mugur Svasta	Mechanical Response of Type 2 Multi-Layer Ceramic Capacitors Under Different Electric Loads	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2023	189-193	2642-7036	979-8-3503-4411-0	2	1	Paul Svasta	Evaluation of Usage of Solid State MOSFET Switches in Test Equipment for PSI5 Automotive Sensors	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2023	194-198	2642-7036	979-8-3503-4411-0	2	1	Paul Svasta	Evaluation of Usage of Solid State MOSFET Switches in Test Equipment for SENT Automotive Sensors	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2023	199-202	2642-7036	979-8-3503-4411-0	2	2	George Florea; Norocel Codreanu	Electronic Hive Management System for a Beekeeping Vehicle	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2023	207-214	2642-7036	979-8-3503-4411-0	5	1	Paul Svasta	Chiplets and Next-gen Packaging Technologies in University Education	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2023	219-222	2642-7036	979-8-3503-4411-0	5	1	Paul Svasta	Energy Consumption Analysis of a Network of Sensors and Energy Consumption Optimization Methods	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)

2023	227-230	2642-7036	979-8-3503-4411-0	3	1	Irina-Bristena Baciş	Implementation of a Temperature Sensor Made with Linqstat for Automotive Applications	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2023	261-264	2642-7036	979-8-3503-4411-0	4	3	Cristina Ioana Marghescu; Andrei Drumea; Rodica Cristina Negroiu	Design of a Laboratory Platform for Buck-Boost Converter Characterization	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2023	273-276	2642-7036	979-8-3503-4411-0	2	2	Andrei Drumea; Cristina-Ioana Marghescu	Implementing Power Resistors on Aluminium Core Printed Circuit Boards	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2023	277-280	2642-7036	979-8-3503-4411-0	7	4	Rodica Negroiu; Irina Madalina Burcea; Paul Svasta; Cristina-Ioana Marghescu	Comparison between the Electrical Parameters of High Voltage Supercapacitor Cells	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2023	293-296	2642-7036	979-8-3503-4411-0	2	1	Pantazică Mihaela	Guidelines for Reducing Conductive Coupling Noise in Electronic Systems	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2023	348-351	2642-7036	979-8-3503-4411-0	3	2	Irina Bristena Bacis; Alexandru Vasile	Algorithms for Processing Signals of Driver Fatigue Detection Sensors in Traffic	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)

2023	363-368	2642-7036	979-8-3503-4411-0	4	1	Norocel Codreanu	Advanced Investigations of On-board Interconnection Structures using 2D/3D Electromagnetic Field Analysis Methods	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2023	487-493	2642-7036	979-8-3503-4411-0	7	3	Paul Svasta; Norocel Codreanu; Mihaela Pantazica	Advanced Collaboration in the Romanian Electronics Field based on the TIE Professional Student Contest	2023 IEEE 29th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2024	1-4		979-8-3503-6938-0	2	2	George Florea; Norocel Codreanu	Sensor-Driven Motorized Solution for Beehive Entrance Control	2024 9th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE)
2024	1-5		979-8-3503-6938-0	4	3	Marius-Cristian Mareş; Gheorghe-Alexandru Mătuşa; Paul Svasta; Sandra-Maria Porumbel	Analyzing the Potential of Savonius Wind Turbines for Low-Wind Energy Areas	2024 9th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE)
2024	1-10	2165-9567	979-8-3503-9402-3	4	3	Cristina Marghescu; Bogdan Mihailescu; Paul Svasta	Does Industry 5.0 Need an Engineering Education 5.0? Exploring Potentials and Challenges in the Age of Generative AI	2024 IEEE Global Engineering Education Conference (EDUCON)

2024	1-4	2161-2536	979-8-3503-8547-2	6	6	Irina Madalina Burcea; Rodica Cristina Negroiu; Bogdan Mihailescu; Paul Svasta; Madalin Vasile Moise; Ciprian Ionescu	Realization of Cost-Effective Supercapacitors Utilizing Substitutable Materials	2024 47th International Spring Seminar on Electronics Technology (ISSE)
2024	1-4	2161-2536	979-8-3503-8547-2	4	3	Corina Ruxandra Mitulescu; Bogdan Mihailescu; Paul Svasta	Thermal Diffusivity Determination of a Semiconductor Device	2024 47th International Spring Seminar on Electronics Technology (ISSE)
2024	1-6	2161-2536	979-8-3503-8547-2	2	1	Paul Svasta	Development of Sensor Emulators for Testing the Safety Mechanisms of Sensor Interfaces in Automotive Electronics	2024 47th International Spring Seminar on Electronics Technology (ISSE)
2024	1-5		979-8-3503-7115-4	6	1	Cristina Marghescu	A Comprehensive Assessment of LoRaWAN and NB-IoT Performance Metrics Under Varied Payload Data Sizes	2024 16th International Conference on Electronics, Computers and Artificial Intelligence (ECAI)
2024	1-5	2687-9727	979-8-3503-9036-0	6	6	Irina Madalina Burcea; Rodica Cristina Negroiu; Bogdan Mihailescu; Paul Svasta; Madalin Vasile Moise; Cristina Marghescu	Reliable Fabrication Methodology for Consistent Supercapacitor Performance	2024 IEEE 10th Electronics System-Integration Technology Conference (ESTC)

2024	1-6	2687-9727	979-8-3503-9036-0	4	3	Corina Ruxandra Mitulescu; Bogdan Mihailescu; Paul Svasta	Thermal Diffusivity Investigation of a Heat Pipe	2024 IEEE 10th Electronics System-Integration Technology Conference (ESTC)
2024	1-6	1938-1883	979-8-3503-5595-6	6	1	Cristina Marghescu	An Experimental Study of Power Consumption in Narrowband IoT Devices	2024 15th International Conference on Communications (COMM)
2024	1-5	2642-7036	979-8-3315-3951-1	3	3	Irina Bristena Bacis; Ciprian Ionescu; Rodica Cristina Negroiu	Numerical Measurement System of Fluid Flows in Pipelines Without Affecting the Integrity of the Pipeline	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2024	1-5	2642-7036	979-8-3315-3951-1	4	2	Irina Bristena Bacis; Alexandru Vasile	Research for the Realization and Testing of an Adaptive, Programmable Dosing System for Hydro Electrolytic Balancing (SDAEH)	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2024	174-177	2642-7036	979-8-3315-3951-1	2	2	Mircea Călin; Paul Svasta	Innovations in Electric Vehicle Supply Equipment: The Path Towards Smart Agriculture	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2024	218-221	2642-7036	979-8-3315-3951-1	3	2	Irina Bristena Bacis; Rodica Cristina Negroiu	Algorithms for Processing Signals of Alcohol Consumption Detecting Sensors And Engine Control Interface In Traffic	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)

2024	222-226	2642-7036	979-8-3315-3951-1	3	3	Gheorghe-Alexandru Mătuşa; Marius-Cristian Mareş; Paul Svasta	Development of an Electronic Monitoring System for a Savonius Wind Turbine	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2024	227-232	2642-7036	979-8-3315-3951-1	3	1	Irina Bristena Baciş	Master-Slave BMS Architecture with CAN-bus for Inter-Cell Communication	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2024	295-298	2642-7036	979-8-3315-3951-1	4	4	Marius-Cristian Mareş; Gheorghe-Alexandru Mătuşa; Corina Ruxandra Mitulescu; Paul Mugur Svasta	Optimizing Power Consumption: A Comparative Analysis of Radio Modules used in Embedded Systems	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2024	299-302	2642-7036	979-8-3315-3951-1	1	1	Ciprian Ionescu	Assessment on measuring and estimation of Ragone plots	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2024	303-308	2642-7036	979-8-3315-3951-1	6	2	Cristina Marghescu; Bogdan Mihailescu	Education 5.0: Transforming Engineering Education in the Age of Generative AI	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)

2024	309-313	2642-7036	979-8-3315-3951-1	5	4	Corina Ruxandra Mitulescu; Norocel Codreanu; Marius Mares; Bogdan Mihailescu; Paul Svasta	New Evaluation for Thermal Diffusivity of High-Power Devices with Different Packages	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2024	328-331	2642-7036	979-8-3315-3951-1	3	2	Cristina Marghescu; Rodica Negroiu	IoT Beehive Monitoring System	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2024	348-351	2642-7036	979-8-3315-3951-1	4	2	Andrei Drumea; Cristina Marghescu; Rodica Negroiu; Mihaela Pantazică	Monitoring System with Autonomous Power Supply and Remote Radio Transmission	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2024	382-385	2642-7036	979-8-3315-3951-1	5	3	Gaudentiu Varzaru; Bogdan Mihailescu; Paul Svasta	Considerations regarding environmental testing of a solderless assembly for electronics module	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2024	416-420	2642-7036	979-8-3315-3951-1	4	2	George Florea; Norocel Codreanu	Electronic Apiary Monitoring System with Built-in Sensors and Motorized Hive Access Control	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2024	444-447	2642-7036	979-8-3315-3951-1	3	2	George Florea; Norocel Codreanu	Advanced Electronics System for the Improvement of Concrete Factories Management	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)

2024	448-451	2642-7036	979-8-3315-3951-1	6	4	Rodica Negroiu; Cristina-Ioana Marghescu; Irina-Bristena Bacis; Madalina- Irina Burcea	The Development and Electrical and Morphological Characterization of some Electrodes on the Sponge Structure used in the Realization of Supercapacitors	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2024	487-493	2642-7036	979-8-3315-3951-1	7	3	Paul Svasta; Norocel Codreanu; Mihaela Pantazica	Advanced Collaboration in the Romanian Electronics Field based on the TIE Professional Student Contest	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2024	494-499	2642-7036	979-8-3315-3951-1	5	1	Rodica Cristina Negroiu	Flexible Supercapacitors for Energy Supply in Smart Textiles – Applications and Prototype	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2024	504-511	2642-7036	979-8-3315-3951-1	7	1	Paul Svasta	TIE Micro – Chiplets and Next-gen Packaging	2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME)
2024	151-153	2690-3946	979-8-3503-6354-8	2	1	Mihaela Pantazică	Dual Band Wilkinson Power Divider with Large Frequency Ratio	2024 IEEE Asia-Pacific Microwave Conference (APMC)

5.5. Modele fizice, modele experimentale, modele funcționale, prototipuri, normative, proceduri, metodologii, reglementări și planuri tehnice noi sau perfecționate, realizate în cadrul programelor naționale sau comandate de beneficiar

Nr. crt.	Data realizării		Tip	Autor(i)	Autori care sunt membri pe centru	Denumire
	An	Luna			Numele si prenumele autorilor	
1	2015	MARTIE	Procedură	Gaudențiu Vărzaru	Gaudențiu Vărzaru	Procedură de lucru pentru echipamentul HB-16
2	2013	MARTIE	Procedură	Gaudențiu Vărzaru	Gaudențiu Vărzaru	Procedură de lucru pentru Etuva 09H-300 Electronic, T&M Grundy
3	2013	OCTOMBRIE	Procedură	Gaudențiu Vărzaru Bogdan Mihăilescu	Gaudențiu Vărzaru Bogdan Mihăilescu	Procedură de lucru pentru sălile tehnologice CETTI-ITA
4	2012	MAI	Procedură	Gaudențiu Vărzaru Bogdan Mihăilescu	Gaudențiu Vărzaru Bogdan Mihăilescu	Procedură de lucru pentru echipamentul Samsung CP20CV
5	2011	IANUARIE	Procedură	Bogdan Mihăilescu	Bogdan Mihăilescu	Procedură de lucru pentru proiectarea Stencilului
6	2011	IULIE	Procedură	Andreea Brodeala Bogdan Mihăilescu	Andreea Brodeala Bogdan Mihăilescu	Procedura de utilizare imprimanta cu cerneala pentru circuite electronice pe suport flexibil (Pixdro LP50)
7	2010	IANUARIE	Procedură	Gaudențiu Vărzaru Bogdan Mihăilescu	Gaudențiu Vărzaru Bogdan Mihăilescu	Procedură de lucru pentru Sistem achiziții date termocuple, Thermes
8	2010	FEBRUARIE	Procedură	Gaudențiu Vărzaru Bogdan Mihăilescu	Gaudențiu Vărzaru Bogdan Mihăilescu	Procedură de lucru pentru echipamentul PDR-X410/IR Rework Station
9	2010	MAI	Procedură	Gaudențiu Vărzaru	Gaudențiu Vărzaru	Procedură de lucru pentru Stand multifuncțional pentru încercări mecanice ale conexiunilor
10	2010	IUNIE	Procedură	Gaudențiu Vărzaru Bogdan Mihăilescu	Gaudențiu Vărzaru Bogdan Mihăilescu	Procedură de lucru pentru echipamentul LPKF Protomat M100-HF
11	2010	IUNIE	Procedură	Gaudențiu Vărzaru	Gaudențiu Vărzaru	procedură de lucru pentru echipamentul SLC309
12	2010	NOIEMBRIE	Procedură	Bogdan Mihăilescu	Bogdan Mihăilescu	Procedură de lucru pentru proiectarea și asamblarea PCB
13	2009	IANUARIE	Procedură	Gaudențiu Vărzaru Bogdan Mihăilescu	Gaudențiu Vărzaru Bogdan Mihăilescu	Procedură de lucru pentru echipamentul LPKF ZelPrint LT300
14	2009	OCTOMBRIE	Procedură	Gaudențiu Vărzaru Bogdan Mihăilescu	Gaudențiu Vărzaru Bogdan Mihăilescu	Procedură de lucru pentru echipamentul Konika Minolta Bizhub C203
15	2008	MAI	Procedură	Bogdan Mihăilescu	Bogdan Mihăilescu	Procedură de lucru pentru echipamentul SMRO 0252
16	2008	MAI	Procedură	Bogdan Mihăilescu	Bogdan Mihăilescu	Procedură de lucru pentru echipamentul pentru inspecția optică a modulelor electronice

5.6. Prestigiul profesional

5.6.1. Membri în colectivele de redacție ale revistelor recunoscute național/internațional

Nr. crt.	Nume și prenume	Denumire revista	ISSN	Tipul revistei*
1	Svasta Paul	Electronica Azi – Electronics Today	1582-3490	internațională
2	Codreanu Norocel-Dragoș	Electronica Azi – Electronics Today	1582-3490	internațională

*tipul revistei, recunoaștere națională și internațională

5.6.2. Premii internaționale/naționale obținute.

Perioada în cariera	Numele persoanei premiata membra a centrului	Numele premiului	Tip premiu (național, internațional)	Actul doveditor al obținerii premiului sau link-ul
Anul obținerii				
Șef de Lucrări/Profesor emerit	Bogdan Traian Mihailescu, Svasta Paul	Excellent poster award în cadrul 2022 IEEE 28th INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME)	Internațional	Diplomă
2024				
Șef de lucrări	Moise M. Vasile Mădălin	Excellent poster award for young scientist: Autori: M. V. Moise and C. Oncioiu în cadrul 2022 IEEE 28th INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME)	Internațional	Diplomă
2022				
Doctorat/asistent doctorand	Negroiu Rodica-Cristina	EXCELLENT PRESENTATION AWARD for Young Scientist în cadrul 2021 IEEE 27th INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME)	Internațional	Diplomă
2021				

Asistent universitar	Moise M. Vasile Mădălin	EXCELLENT POSTER AWARD, în cadrul 2020 IEEE 26th INTERNATIONAL SYMPOSIUM FOR DESIGN AND TECHNOLOGY IN ELECTRONIC PACKAGING (SIITME)	Internațional	Diplomă
2020				
Profesor emerit	Svasta Paul	2021 IEEE EPS David Feldman Outstanding Contribution Award, for strongly promoting and implementing Electronics Packaging and IEEE EPS activities in Europe, Region 8, for establishing a functional networking bridge from Academia to Industry	Internațional	Diplomă
2021				
Profesor Emerit	Svasta Paul	Doctor Honoris Causa al Universității Tehnice din Cluj Napoca	Național	Diplomă
2012				
Profesor Emerit	Svasta Paul	Doctor Honoris Causa al Universității Tehnice din Pitești	Național	Diplomă
2014				
Profesor	Svasta Paul	Ordinul Național „Serviciul Credincios” cu grad de ofițer	Național	Diplomă, Medalie
2000				

5.7. Membru al unei Academii

Numele persoanei	Academia	Anul admiterii
Svasta Paul	Membru al Comisiei de Știință și Tehnologie a Microsistemelor (STMS) a ACADEMIEI ROMÂNE	2022

5.8. Conducători de doctorat, membri ai colectivului de cercetare

Anul numirii / Decizia MECTS	Numele și prenumele conducătorului de doctorat	Domeniul de doctorat
1997	Svasta Paul	Științe ingineresti, Inginerie Electronică, Telecomunicații și Tehnologii Informaționale

* - Se considera doar conducătorii de doctorat ai universității de care aparține centrul.

5.9. Număr de doctori membri ai colectivului de cercetare *

Numele si prenumele	Anul obținerii titlului	Domeniul de doctorat
Svasta Paul	1981	Inginerie Electronică, Telecomunicații și Tehnologii Informaționale
Ionescu Ciprian	1997	Materiale pentru Electronică
Codreanu Norocel Dragoș	1999	Materiale pentru Electronică
Vasile Alexandru	2001	Inginerie Electronică și Telecomunicații
Drumea Andrei	2008	Inginerie Electronică, Telecomunicații și Tehnologii Informaționale
Pantazică Mihaela	2013	Inginerie Electronică, Telecomunicații și Tehnologii Informaționale
Marghescu Cristina-Ioana	2011	Inginerie Electronică, Telecomunicații și Tehnologii Informaționale
Mihăilescu Bogdan-Traian	2012	Inginerie Electronică, Telecomunicații și Tehnologii Informaționale
Baciș Irina-Bristena	2015	Inginerie Electronică, Telecomunicații și Tehnologii Informaționale
Moise Mădălin-Vasile	2020	Inginerie Electronică, Telecomunicații și Tehnologii Informaționale
Negroiu Rodica-Cristina	2022	Inginerie Electronică, Telecomunicații și Tehnologii Informaționale

* - Se considera doar **doctorii** membri ai centrului

6. Venituri realizate prin contracte de cercetare

Anul	Denumirea contractului și programului de finanțare	Tipul finanțării (Nationala/ Internaționala	Nr. contract	Instituția coordonatoare	Nume responsabil proiect	Statutul directorului de proiect *	Directorul de proiect este din alta instituție (DA/NU)	Perioada de derulare
2019	Dezvoltare integrate 4.0	internațională	6/1.1.3H/26.11.2019	Infineon Technologies Romania&CO. SCS	Paul Svasta	Director al centrului și responsabil proiect	DA	2019-2022
2020	COMPACT	internațională	PN3-P3-263/28.04.2020	SYSWIN SOLUTIONS SRL	Ciprian Ionescu	Membru al centrului și responsabil proiect	DA	2020-2022
2024	High Performance, Safe, Secure, Open-Source Leveraged RISC-V Domain-Specific	internațională	PN-IV-P8-8.1-PME-2024-0009	Infineon Technologies AG Germany	Moise Madalin Vasile	membru al centrului și responsabil de proiect	DA	2023-2026

	Ecosystem - ISOLDE							
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*Precizați dacă directorul de proiect este:

- Membru al centrului și Coordonator de proiect
- Membru al centrului și Responsabil de proiect sau persoană de contact

** - Se considera contracte de cercetare științifică derulate de universitate cu valoarea aferentă intrată în universitate

- Toate valorile se exprima în lei, utilizând rata de schimb la data încheierii contractului

7. Resursa umană de cercetare (situația va fi prezentată pe ani)

7.1. Total personal de cercetare care realizează venituri din activitatea de cercetare-dezvoltare/din care doctori

Anul	Nume și prenume	Cercetători științifici gradul 1 (profesori)	Cercetători științifici gradul 2 (conferențieri)	Cercetători științifici gradul 3 (lectori)	Asistenți de cercetare	Titlu de doctor/Domeniul de doctorat	Personal auxiliar de cercetare angajat
2020-2022	Svasta Paul	X				DA/ Inginerie Electronică, Telecomunicații și Tehnologii Informaționale	
	Ionescu Ciprian	X				DA/Materiale pentru Electronică	
	Codreanu Norocel-Dragoș	X				DA/ Materiale pentru Electronică	
	Vasile Alexandru	X				DA/ Inginerie Electronică și Telecomunicații	
	Pantazică Mihaela			X		DA/ Inginerie Electronică, Telecomunicații și Tehnologii Informaționale	
	Mihăilescu Bogdan-Traian			X		DA/ Inginerie Electronică, Telecomunicații și Tehnologii Informaționale	
	Negroiu Rodica-Cristina				X	NU	
	Mihăilescu Teodor					NU	X
	Lepădatu Delia					NU	X
	Pătuleanu Maria					NU	X
2024	Moise Mădălin-Vasile			X		DA/ Inginerie Electronică, Telecomunicații și Tehnologii Informaționale	

	Pantazică Mihaela			X		DA/ Inginerie Electronică, Telecomunicații și Tehnologii Informaționale	
	Pătuleanu Maria					NU	X

8. Date privind perfecționarea resursei umane

8.1. Numele și prenumele doctoranzilor și masteranzilor care lucrează în centrul de cercetare la data întocmirii raportului de înființare, și/sau certificare internă

- Burcea Irina-Mădălina - doctorand

8.2. Numărul de teze de doctorat realizate în cadrul centrului de cercetare în perioada pentru care se face evaluarea

An	Titlul tezei de doctorat	Nume și prenume autor
2020	Module inteligente destinate securizării împotriva intruziunilor asupra echipamentelor electronice	VASILE Daniel-Ciprian
2020	Cercetări privind utilizarea tehnologiilor Internet Of Things (IOT) în electronica auto	MOISE Vasile Mădălin
2020	Sistem adaptiv de instruire asistată de calculator	CIOLACU Monica
2020	Sistem IoT de monitorizare a familiei de albine	VIDRAȘCU Mihai
2021	Cercetări asupra parametrilor electrici ai supercondensatoarelor	PAVEL (NEGROIU) Rodica-Cristina
2021	Managementul termic în cadrul modulelor electronice de putere	DRĂGHICI (BĂDĂLAN) Niculina
2021	Cercetări privind optimizarea modulelor electronice de alimentare	ROPOTEANU Constantin
2022	Circuite electronice pentru controlul încălzitorului electric catalitic	KOTLAR Aurelian-Claudiu

9. Infrastructura de cercetare – dezvoltare

9.1. Laboratoare de cercetare -dezvoltare

Nr. Crt.	Denumirea laboratorului	Domeniul de cercetare	Locația
1	Laborator de proiectare asistată de calculator în domeniul packagingului electronic (PACPE)	Tehnologie electronică	B302
2	Incubator tehnologic și de afaceri (ITA)	Tehnologie electronică	AS13
3	Laborator de tehnologie electronică (TE)	Tehnologie electronică	AS24
4	Laborator de Componente și Circuite Pasive și de compatibilitate electromagnetică (CCP – CEM)	Tehnologie electronică	B303/B123

9.2.Lista echipamentelor performante

Nr. crt.	Echipamentul	An fabr.	Valoarea (lei)	Sursa de finanțare a investiției
1	Centrală telefonică digitală PCX832	1998	1500	CNFIS
2	Etuva cu temperatura controlata CALORIS 250	1999	1000	CNCSIS
3	Calculatoare electronice si echipamente periferice	1999	15164	CNCSIS
4	Linie manuala de montaj Pick Place tip SMFL - 3000	1999	5305	CNCSIS
5	Statie reconditionat si reparat tip SMT Repair-Rework	1999	5092	CNCSIS
6	Calculatoare electronice si echipamente periferice	2000	20630	CNCSIS
7	Softuri diferite (OMEGAPLUS, CITRIX, WINDOWS 2000, FLOTERM, ORCAD)	2000	43849	CNCSIS BCUM
8	Reproiector portabil 3M2270T	2000	2753	CNCSIS
9	Balanta tehnica	2000	1000	CNCSIS
10	ASM Assembly Wire Bonder	2000	-	Donație
11	Printer manual, ZelPrint	2000	-	Donație
12	Stație recondiționat și reparat tip PACE (Repair & Rework), echipament manual de contactare și dezlipire a componentelor în tehnologia THT (Through Hole Technology) și SMT (Surface Mount Technology).	2000	2500	Donație
13	Calculatoare elctronice si echipamente periferice	2001	17043	CNCSIS
14	Soft (ADOBE ACROBAT 4.0 WIN)	2001	1124	MEC
15	Proiector multimedia portabil SANYO	2001	11782	MEC
16	Impedantmetru, analizor vectorial de retea si analizor spectru HP4396B	2001	87253	CNCSIS BCUM
17	Interfata GPIB si accesorii pentru impedantmetru HP4396B	2001	14952	RELANSIN
18	Sistem de achizitii date termice THERMES16	2001	5384	CNCSIS
19	Cuptor tip Batch SMRO –0170	2001	9411	CNFIS
20	Cuptor retopire SMRO-0252, este destinat în special lipirii componentelor SMD dar poate fi util și ca aparat de cercetare având posibilitatea controlului profilului de temperatură.	2001	32204	CNCSIS
21	Echipament inpectie optica	2001	10238	CNCSIS
22	Compresor FIAC APOLLO 100l – 2CP	2001	933	CNCSIS
23	Miliohmetru digital tip HAMEG modul HM 8014	2001	853	CNCSIS
24	Sursa de alimentare 2 module tip HAMEG HM 8001 - 2	2001	619	MEC
25	Calculatoare elctronice si echipamente periferice	2002	30769	MEC
26	Soft ANSYS/Multiphysics	2002	18705	RELANSIN
27	Microsoft Proofing Tools	2002	265	MEC
28	Masina flexibila si precisa pentru plantarea componentelor el. tip SAMSUNG CP20CV	2002	223606	CNFIS
29	Masina de depunere paste/fluide ASYMTEK cu pompa DV 6000	2002	53037	MEC

30	Echipament imprimare pe baza de sablon	2002	9848	CNCSIS
31	Echipament pentru realizarea gaurilor de trecere	2002	12996	CNCSIS
32	Plotter pentru circuite imprimate PROTOMAT M60	2002	62926	CNCSIS
33	Echipament LPKF de realizare PCB prin frezare	2002	-	Donație
34	Calculatoare electronice si echipamente periferice	2003	10549	MEC
35	Soft AC 004004 – PROMATE II	2003	4666	CNCSIS
36	Osciloscop digital 2 canale TDS 3052B	2003	31815	RELANSIN
37	Osciloscop analogic 2x35 MHz TOHM 303	2003	2185	MEC
38	L-C Metru digital HM 8018	2003	1290	MEC
39	Punte RLC de laborator TOFLC 3131D	2003	1515	MEC
40	Calculatoare elctronice si echipamente periferice	2004	29008	INFOSOC
41	Soft BORLAND DELPHI	2004	519	CNCSIS
42	Echipament de lipit cu IR PDRX 410	2004	116245	INFRATECH
43	Osciloscop HM 1507 - 3	2004	7193	MEC
44	Sursa tripla HM 7042 - 5	2004	4301	MEC
45	Camera climatica „BENCH-TOP” pentru testare la temperatură și umiditate SH-241 (30%)	2004	15195	INFRATECH
46	Masina flexibila – CP20CV (completare inventar)	2004	2366	MEC
47	Sursa tripla HM 7042 - 5	2005	2151	MEC
48	Camera climatica „BENCH-TOP” pentru testare la temperatură și umiditate SH-241 (70%)	2005	31726	INFRATECH
49	Compresor de aer stationar elicoidal 200l tip GX2FF - 10	2005	10385	MEC
50	Generator de functii digital HM – 8131 - 2	2005	6233	MEC
51	Calculatoare elctronice si echipamente periferice	2006	30261	MEC
52	Soft ORCAD V10.5	2006	3868	MEC
53	Copiator digital GESTETNER 1312	2006	5123	MEC
54	Proiector PT – LB 50MTE	2006	3868	MEC
55	Calculatoare elctronice si echipamente periferice	2007	14734	MEC
56	Videoproiector TOSHIBA	2007	6042	MEC
57	Microscop digital portabil	2007	4409	MEC
58	Osciloscop digital TDS 2022B	2007	5558	MEC
59	Stație de lipire Weller WSD81	2008	-	Donație
60	Stație lipire (4 buc.)	2008	-	Donație
61	Stație lipire Weller WDM3	2008	-	Donație
62	Condor 70-3, Tester conexiuni	2009	-	Donație
63	Caloris 250, Etuva cu temp. Const.	2009	-	Donație
64	Stație lipire Velleman (~25 buc.)	2009	-	Donație
65	SLC 309, Masina Vapour Phase	2010	-	Donație
66	Echipament Pick&Place DIMA FP 600	2010	-	Donație
67	Printer cerneluri conductoare, PixDro	2011	-	Donație
68	Analizor pentru parametrii semiconductoarelor, HP 4145B	2011	-	Donație

69	Masina de lipire in atmosfera de vapori, SLC309, IBL	-	-	Donație
70	Statie de procesare/reprocesare circuite BGA, PDR X410	-	-	Donație
71	Tester Multifunctional pentru conexiuni, Condor 70-3, XYZTEC	-	-	Donație
72	Stand de masură a distribuției de temperatură folosind camera de termoviziune FLIR SC-640	-	-	Donație
73	Statie Dispensare, pick-and-place si lipire cu aer fierbinte manuala, DIMA SMFL-3000	-	-	Donație
74	Masina frezat cablaje, LPKF ProtoMat 100MH	-	-	Donație
75	Masina Pick-and-place automata, CP20CV Samsung	-	-	Donație
76	Cuptor pentru lipire prin retopire, SMT, SMRO 0252, DIMA	-	-	Donație
77	Microscop inspectie optica	-	-	Donație
78	Masina Dispensare automata, Asymtek A-612G	-	-	Donație
79	Statie de plantare manuala a componentelor electronice, DIMA FP-600	-	-	Donație
80	Sistem de achizitii de date pentru termocuple, Thermes, Physitemp Instruments	-	-	Donație
81	Camera climatica ESPEC SH-241	-	-	Donație
82	Printer manual, LPKF ZelPrint	-	-	Donație
83	Laborator interactiv pentru instruire in domeniul Standarde IPC si Design For Manufacturing	-	-	Donație
84	Electrometru programabil Keithley	-	-	DONAȚIE
85	Analizator de materiale semiconductoare Agilent	-	-	DONAȚIE
86	Echipament de lipire in stare de vapori SDL309Ş	-	-	DONAȚIE
87	Statie de lipit Pick &Place manual DIMA SL600	-	-	DONAȚIE
88	Multimetru digital Model 2700 Sistem de achiziție și înregistrare a datelor cu 2 sloturi GPIB/RS232	2015	6497.60	UEFISCDI

Director - Centrul de Electronică Tehnologică și Tehnici de Interconectare (CETTI)
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Prof. Dr. Ing. SVASTA Paul

