UNIVERSITATEA TEHNICĂ CLUJ-NAPOCA

Curriculum vitae

Personal information

First name(s) / Surname(s)	**CÎRSTEA Ştefan Dragoş**
Telephone	0264 202 356
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E-mail	stefan.cirstea@enm.utcluj.ro
Nationality	Romanian
Date of birth	October 9, 1982

Work experience

Dates	**February 2016 - present**
Name and address of employer	Technical University of Cluj-Napoca – Faculty of Electrical Engineering
Occupation or position held	Associate Professor, teaching staff member
Main activities and responsibilities	Teaching activities for: Management Basics; Marketing; Academic Ethics. Research activities. Implementation of nationally and internationally funded projects
Dates	**May 2019 - present**
Name and address of employer	CB SMART ECOM SRL
Occupation or position held	Owner
Main activities and responsibilities	Management activities; legal representative
Dates	**March 2012 – December 2019**
Name and address of employer	SEV SIB FARM SRL Sibiu
Occupation or position held	Co-owner and environmental representative
Main activities and responsibilities	Coordination of waste management. Design and implementation of environmental activities. Management of the company's social responsibility.
Dates	**October 2010 – March 2012**
Name and address of employer	REMATINVEST SRL Cluj-Napoca
Occupation or position held	Environmental and Quality Manager
Main activities and responsibilities	Internal audits for the integrated management system. Control and coordination of the company's waste management activities. Representation of the company in relation to public authorities. Coordination of total quality management. Design and implementation of the company's sustainability plan
Dates	**June 2007 – October 2010**
Name and address of employer	REMATINVEST SRL Cluj-Napoca
Occupation or position held	Cluj Area Manager / Commercial Coordinator
Main activities and responsibilities	General management of the Cluj site. Monitoring and evaluation of the business environment. Customer relations. Supply chain management.
Dates	**October 2005 – July 2007**
Name and address of employer	Babeș-Bolyai University – Faculty of Economics and Business Administration
Occupation or position held	Associate teaching staff
Main activities and responsibilities	Teaching activities for: Business Ethics; Management; International Transportation. Research activities

Education and training

Dates	**2007 - 2015**
Title of qualification awarded	PhD
Principal subjects / occupational skills	Economic Sciences – Management
Name and type of organisation providing education and training	Babeș-Bolyai University – Faculty of Economics and Business Administration

Dates	**2005 - 2006**
Title of qualification awarded	Master's studies
Principal subjects / occupational skills	Business Development Management
Name and type of organisation providing education and training	Babeș-Bolyai University – Faculty of Economics and Business Administration
Dates	**2001 - 2005**
Title of qualification awarded	Bachelor's studies
Principal subjects / occupational skills	Marketing-Tourism
Name and type of organisation providing education and training	Babeș-Bolyai University – Faculty of Economics and Business Administration

Personal skills and competences

Mother tongue: Romanian

Other languages: English, French, Italian

Self-assessment

	Understanding				Speaking				Writing	
	Listening		Reading		Conversation		Presentation		Writing	
English	C2	Proficient	C1	Proficient	C1	Proficient	C1	Proficient	C1	Proficient
French	B1	Intermediate	B1	Intermediate	B1	Intermediate	B1	Intermediate	B1	Intermediate
Italian	A2	Basic	A2	Basic	A2	Basic	A2	Basic	A2	Basic

Social skills:
Excellent communication skills
Creativity. Teamwork
Negotiation skills. Conflict management.

Organisational skills:
Leadership
Result-oriented. Meeting deadlines.
Budget management.
Risk assessment

Technical skills:
Excellent knowledge of quality, environmental and health management
Very good knowledge of environmental regulations. High level of knowledge of environmental legislation.

IT&C skills:
Very good knowledge of Microsoft Office: Word, Excel, PowerPoint, Outlook.
Intermediate knowledge of accounting software: WinMentor, Asis.
Basic knowledge of Photoshop, Archicad, Corel Draw, Canva.

Didactic activity

Teaching courses: Management Basics; Marketing of Products and Services; Academic Ethics

Training mobility: Østfold University, Norway, 2019, Grant no. 213MC/2019

Institutional projects:

1. Education and career counselling to reduce the dropout rate at the Faculty of Electrical Engineering in Cluj-Napoca – EDCONS_FIE. Grant Agreement no. 39/SGU/NC/I of 23.11.2017
2. TUCN Students - Entrepreneurs in the Digital World (SALT) 2018-2025
3. Centre for Study and Learning of the Technical University of Cluj-Napoca (CeSTI)
4. Advanced Internship for Success in an Engineering Career – PAVING
5. Engineers for Tomorrow in the Context of the New Industrial Revolution (NextIng) 2022-2023

Research

National grants

1. High power-density and high-efficiency micro-inverters for renewable energy sources – MICROINV, ID: P_40_391. Competitiveness Operational Programme 2014-2020. Project manager: Petre Dorel TEODOSESCU. Project value: 8,833,750 lei.
2. Advanced technologies for intelligent urban electric vehicles – URBIVEL, ID: P_40_333. Competitiveness Operational Programme 2014-2020. Project manager: Claudia MARȚIȘ. Project value: 15,682,673.75 lei

International grants

1. H2020: Renewable Cogeneration and Storage Technologies Integration for Energy Autonomous Buildings, 815301-RE-COGNITION-H2020-LC-SC3-2018-2019-2020/H2020-LC-SC3-2018-RESTwoStages, 2019-2022 www.re-cognition-project.eu
2. H2020: A Holistic Framework for Empowering SMEs' Capacity to Increase Their Energy Efficiency, 847132-SMEmPower Efficiency-H2020-LC-SC3-2018-2019-2020/H2020-LC-SC3-EE-2018, 2019-2022 www.smempower.com
3. H2020: Generate Energy Efficient Acting and Results at Small & Medium Enterprises, 894356 – GEAR@SME – H2020-LC-SC3-2018-2019-2020/H2020-LC-SC3-EE-2019, 2020-2022, www.gearatsme.eu
4. H2020: Innovate European University of Technology - Inno-EUt+ - Phase B, 16848/03.06.2022, 2022-2022
5. EEA Grants: Empowering Energy Efficiency Awareness through a Holistic Educational Approach (ENERGEIA), 2022/346660, 2023-2024
6. EEA Grants: Design and development of an Energy Efficiency Management and Control System with cost-effective solutions for residential and educational buildings (DOITSMARTER), 332783, 2021-2024
7. LIFE: Energy Transition Audits towards Decarbonization (EnTRAINER), 101076424/2022, 2022-2025, https://entrainer-project.eu/
8. INTERREG: Building local partnerships for reducing the fossil energy demand of district heating systems in the Eastern Danube Region (REHEATEAST), DRP0200401, 2024-2026,
9. INTERREG: Fostering the implementation of shallow geothermal hybrid heating and cooling systems in the Danube Region (Danube GeoHeCo), 2024-2026,
10. DUT: Positive Energy Districts Driven by Citizens (PERSIST), 46/2024, 2024-2026, https://persist.utcluj.ro/

Additional information

Awards -

Membership of professional societies: Romanian Academic Society of Management

Other relevant activities: Member of the Reviewers Board of ISPRS International Journal of Geo-Information (IJGI)

Member of the Organising Committee of the Advanced Power Systems 2026 conference

Significant books published

1. Cîrstea, Ş., (2015), Environmental Management Systems. Influences and Easy Implementation in Organisations, EFES Publishing House, Cluj-Napoca, ISBN: 978-606-526-198-3, 325.
2. Burnete, N., Stan, O., Cîrstea, Ș., Șteț, D., (2022), Emerging Trends and Developments in Technical Universities, UTPRESS Publishing House, Cluj-Napoca, ISBN: 978-606-737-615-9.
3. Steț, D., Ceclan, A., Cîrstea, Ș., Czumbil, L., Mureșan, C., Farkas, T., Briscan, R., (2024), Energy Transition towards Climate Neutrality: Concepts of Energy Efficiency, UTPRESS Publishing House, Cluj-Napoca, ISBN: 978-606-737-712-5.
4. Constantinescu-Dobra, A., Anastasiu, L., Bodi, Ș., Câmpean, E. M., Cîrstea, Ș., Coțiu, M. A., Lobonțiu, G., & Maier, V. (2025). From Idea to Business: The Entrepreneurial Journey of an Engineer. Cluj-Napoca: UT PRESS Publishing House. ISBN 978-606-737-783-5.
5. Constantinescu-Dobra, A., Maier, V., Lobonțiu, G., Anastasiu, L., Coțiu, M. A., Cîrstea, Ș., Bodi, Ș., Câmpean, E. M., Meza, Ș., Sechel, I., & Vele, C.-L. (2025). Entrepreneurial Methods for the Technical Field: Growth Management of a Small Firm. UT PRESS Publishing House.

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Significant scientific papers published

1. Jana Teremranova, Lubov Petrichenko, Anna Mutule, Yousra Sidqi, Marina Arias, Stefan Dragos Cirstea, Abdullah Jamal, Fernanda Paula Oliveira, Fernando Borges, Natalia Moreno, ELECTRICITY CUSTOMER SATISFACTION WITH RENEWABLE ENERGY SUPPORT SCHEMES: A CASE STUDY FOR LATVIA, ROMANIA, SPAIN, PORTUGAL, NORWAY, Frontiers in Energy Research, 13, 1736680,
2. Iancu, I.A., Darab, C., Cirstea, S.D. 2021. THE EFFECT OF THE COVID-19 PANDEMIC ON THE ELECTRICITY CONSUMPTION IN ROMANIA. Energies, 14(11), 3146 (IF = 3,004), WOS:000659819900001
3. Stet,D., Czumbil, L., Ceclan, A., Cirstea, S., Muresan, A. Jurj, D., Muresan, C., Farkas, T., Darabant, I., Cretu, M., Micu, D.D, Papagianis, G. 2021. EDUCATIONAL AND TRAINING PROGRAM TO INCREASE SME'S ENERGY EFFICIENCY SKILLS. 56th International Universities Power Engineering Conference (UPEC), pp. 1-6, doi: 10.1109/UPEC50034.2021.9548263.
4. Muresan, C., Stet,D., Cirstea, S., Czumbil, L. 2021. INTEGRATED APPROACH IN DESIGNING PHOTOVOLTAIC POWER PLANT. 9th International Conference on Modern Power Systems (MPS). pp. 1-5. doi: 10.1109/MPS52805.2021.9492703
5. Darab, C.; Turcu, A.; Beleiu, H.G.; Pavel, S.; Birou, I.; Micu, D.D.; Ungureanu, S.; Cirstea, S.D. 2020. HYBRID LOAD FORECASTING USING GAUSSIAN PROCESS REGRESSION AND NOVEL RESIDUAL PREDICTION. Applied Sciences, 10(13), 4588 (IF = 2,474), WOS:000552300000001
6. Cîrstea, S.D.; Tiron-Tudor, A.; Nistor, R.L.; Cîrstea, A.; Fulop, M.T. 2019. RENEWABLE ENERGY AND ECONOMIC DEVELOPMENT 'DISTANCES' IN EASTERN EUROPE. Journal of Environmental Protection and Ecology, 20(1), 254–264 (IF = 0,679), WOS: 000463406800029.
7. Cîrstea, S.D.; Cîrstea, A.; Popa, I.E.; Radu, G. 2019. THE ROLE OF BIOENERGY IN TRANSITION TO A SUSTAINABLE BIOECONOMY - STUDY ON EU COUNTRIES. Amfiteatrul Economic, 21(50), p. 75-89 (IF = 0.664), WOS:000456190000006.
8. Cîrstea, S.D.; Martis, C.S.; Cîrstea, A.; Constantinescu-Dobra, A.; Fulop, M.T. 2018. CURRENT SITUATION AND FUTURE PERSPECTIVES OF THE ROMANIAN RENEWABLE ENERGY. Energies, 11(12), 3289. (IF = 2.676), WOS:000455358300050;
9. Cîrstea, S.D.; Moldovan-Teselios, C.; Cîrstea, A.; Turcu, A.C.; Darab, C.P. 2018 EVALUATING RENEWABLE ENERGY SUSTAINABILITY BY COMPOSITE INDEX. Sustainability, 10, 811. (IF = 2.075), WOS:000428567100238;
10. Cîrstea, Ş. 2014. TRAVEL&TOURISM COMPETITIVENESS: A STUDY OF WORLD'S TOP ECONOMIC COMPETITIVE COUNTRIES, Procedia Economics and Finance, 15, p. 1273-1280, doi:10.1016/S2212-5671(14)00588-7;

Cluj-Napoca,
Date:

Name and signature:
Stefan Dragoș CÎRSTEA