

## Curriculum vitae

### Personal information

First name(s) / Surname(s)	<b>CÎRSTEA Ștefan Dragoș</b>
Telephone(s)	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	<b>February 2016 - present</b>
Name and address of employer	Technical University of Cluj-Napoca – Electrical Engineering Faculty
Occupation or position held	Associate professor, lecturer
Main activities and responsibilities	Teaching activities for: Management Basis; Marketing; Academic ethics. Research activities. National and international funded project implementation
Dates	<b>Mai 2019 - present</b>
Name and address of employer	CB SMART ECOM SRL
Occupation or position held	Owner
Main activities and responsibilities	Management activities; Legal representative
Dates	<b>March 2012 – Decembre 2019</b>
Name and address of employer	SEV SIB FARM SRL Sibiu
Occupation or position held	Co-owner & Environmental representative
Main activities and responsibilities	Coordination of waste management. Design and implementation of the environmental activities. Management of social responsibility of the company.
Dates	<b>October 2010 – March 2012</b>
Name and address of employer	REMATINVEST SRL Cluj-Napoca
Occupation or position held	Environmental and Quality Manager
Main activities and responsibilities	Internal audits for integrated management system. Control and coordination of the company waste management activities. Representing company in relation with public authorities. Total quality management coordination. Design and implementation of the company sustainability plan
Dates	<b>June 2007 – October 2010</b>
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 relationship. Supply chain management.
Dates	<b>October 2005 – July 2007</b>
Name and address of employer	Babes-Bolyai University – Faculty of Economics Sciences 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	<b>2007 - 2015</b>
Title of qualification awarded	PhD
Principal subjects/occupational skills	Economic sciences – Management
Name and type of organization providing education and training	Babes-Bolyai University – Faculty of Economics Sciences and Business Administration
Dates	<b>2005 - 2006</b>

Title of qualification awarded	Master studies
Principal subjects/occupational skills	Business development management
Name and type of organization providing education and training	Babes-Bolyai University – Faculty of Economics Sciences and Business Administration
Dates	<b>2001 - 2005</b>
Title of qualification awarded	Bachelor degree
Principal subjects/occupational skills	Marketing-Tourism
Name and type of organization providing education and training	Babes-Bolyai University – Faculty of Economics Sciences and Business Administration

### Personal skills and competences

Mother tongue(s)	Romanian
Other language(s)	English, French, Italian
Self-assessment	

**English**  
**French**  
**Italian**

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

Social skills	Excellent communication skills Creative. Teamworking Negotiation skills. Conflict handler.
Organisatoric skills	Leadership Result-oriented. Deadline conformation. Budget management. Risk assessment
Technical skills	Excellent knowledge of quality, environment and health management Very good knowledge of environmental regulation. High level of knowledge of environmental legislation.
IT&C skills	Very good knowledge for Microsoft Office: Word, Excel, PowerPoint, Outlook. Intermediate knowledge for accounting software: WinMentor, Asis. Basic knowledge for Photoshop, Archicad, Corel Draw, Canva.

### Didactic activity

Teaching Courses	Management Basics; Marketing; Academic ethics
Training Mobility	1. Ostfold University, Norway, 2019, Grant no. 213MC/2019
Institutional Projects (max 5 the most representative)	<ol style="list-style-type: none"> <li>1. Educație și consiliere în carieră pentru scăderea ratei de abandon la Facultatea de Inginerie Electrică din Cluj-Napoca – EDCONS_FIE. Acord de grant nr. 39/SGU/NC/I din 23.11.2017</li> <li>2. Studenții UTCN - Antreprenori în Lumea digiTală (SALT) 2018-2024</li> <li>3. Centrul de Studii și Învățare al Universității Tehnice din Cluj-Napoca (CeSTI)</li> <li>4. Practica Avansată pentru succesul în cariera INGINEREASCA – PAVING</li> <li>5. Ingineri pentru mâine în contextul noii revoluții industriale (NextIng) 2022-2023</li> </ol>

### Research

National Grants  
(max 5 the most representative)

1. Micro-invertoare cu densitate mare de putere si eficienta ridicata pentru surse regenerabile de energie – MICROINV, ID: P\_40\_391. Programul Operațional Competitivitate 2014- 2020. Project manager: Petre Dorel TEODOSESCU. Project value: 8.833.750 lei.
2. Tehnologii avansate pentru vehicule electrice urbane inteligente – URBIVEL, ID: P\_40\_333. Programul Operațional Competitivitate 2014-2020. Project manager: Claudia MARȚIȘ. Project value: 15.682.673,75 lei

International Grants  
(max 5 the most representative)

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](http://www.re-cognition-project.eu)
2. H2020: A holistic framework for Empowering SME's 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](http://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](http://www.gearatsme.eu)
4. LIFE: Energy Transition Audits towards Decarbonization (EnTRAINER), 101076424/2022, 2022-2025, <https://entrainer-project.eu/>
5. DUT: Positive Energy Districs driven by citizens (PERSIST), 46/2024, 2024-2026

Scientific publications

32 research articles

## Additional information

Awards -

Membership of  
Professional Societies

Romanian Academic Society of Management

Other relevant activities

## Significant books published in the last 10 years (max 10)

1. **Cîrstea, Ș.**, (2015), *Sisteme de management de mediu. Influențe si implementare facilă în organizații*, Editura EFES, Cluj-Napoca, ISBN: 978-606-526-198-3, 325.
2. Burnete, N., Stan, O., **Cîrstea, Ș.**, Șteț, D., (2022), *Tendințe și evoluții emergente în universitățile tehnice*, Editura UTPRESS, Cluj-Napoca, ISBN: 978-606-737-615-9.
3. Șteț, D., Ceclan, A., **Cîrstea, Ș.**, Czumbil, L., Mureșan, C., Farkas, T., Briscan, R., (2024), *Tranziție energetică spre neutralitate climatică: Noțiuni de eficiență energetică*, Editura UTPRESS, Cluj-Napoca, ISBN: 978-606-737-712-5.

## Significant papers published in the last 10 years (max 10)

1. Iancu, I.A., Darab, C., Cîrstea, 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
2. Șteț, D., Czumbil, L., Ceclan, A., Cîrstea, 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.
3. Muresan, C., Șteț, D., Cîrstea, 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
4. Darab, C.; Turcu, A.; Beleiu, H.G.; Pavel, S.; Birou, I.; Micu, D.D.; Ungureanu, S.; Cîrstea, S.D. 2020. HYBRID LOAD FORECASTING USING GAUSSIAN PROCESS REGRESSION AND NOVEL RESIDUAL PREDICTION. *Applied Sciences*, 10(13), 4588 (IF = 2,474), WOS:000552300000001

5. 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.
6. 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.
7. 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;
8. 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;
9. Cîrstea S.D., Moldovan-Teselios C., Iancu A.I. 2017. ANALYSIS OF FACTORS THAT INFLUENCE OTC PURCHASING BEHAVIOR. In: Vlad S., Roman N. (eds) *International Conference on Advancements of Medicine and Health Care through Technology*; 12th - 15th October 2016, Cluj-Napoca, Romania. IFMBE Proceedings, vol 59. Springer, Cham
10. Cîrstea, Ș. 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: September 2024

Name and signature:  
Stefan Dragoș Cîrstea