

## Curriculum Vitae

### Personal information

First name(s) / Surname(s) **ȘTEFĂNESCU SILVIU**

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Nationality **Romana**

Date of birth **03.07.1964**

### Work experience

Dates **October 2004**

Name and address of employer **Technical University of Cluj-Napoca, Romania**

Occupation or position held **Assoc. Prof.**

Main activities and responsibilities **Teaching and Research**

Dates **February 1996**

Name and address of employer **Technical University of Cluj-Napoca, Romania**

Occupation or position held **Lecturer**

Main activities and responsibilities **Teaching and Research**

Dates **February 1993**

Name and address of employer **Technical University of Cluj-Napoca, Romania**

Occupation or position held **Assistant Prof.**

Main activities and responsibilities **Teaching and Research**

Dates **2021**

Name and address of employer **EDO | Energy Design Office S.R.L., Cluj-Napoca, Romania**

Occupation or position held **Managing Partner**

Main activities and responsibilities **Power Systems Design, Engineering, Consultancy and other Related Services, Business Management, Business Development**

Dates **2017 - 2021**

Name and address of employer **S&S Consulting S.R.L.**

Occupation or position held **Managing Partner**

Main activities and responsibilities **Design, Engineering, Installation, Commissioning, Project Management and other Related Services, Business Management, Business Development**

Dates **2016 - 2017**

Name and address of employer **EVOPRO Systems Engineering S.R.L.**

Occupation or position held **Business Developer**

Main activities and responsibilities **New Business & Innovation Manager**

Dates	2010 - 2012
Name and address of employer	S.C. Siemens S.R.L. – Industry / Industry Solutions & Customer Services
Occupation or position held	Business Developer
Main activities and responsibilities	New Business & Innovation Manager
Dates	2008 - 2010
Name and address of employer	S.C. Siemens S.R.L. – Industry / Industry Solutions & Customer Services
Occupation or position held	Technical Manager
Main activities and responsibilities	Engineering, Service and Operations
Dates	2007 - 2008
Name and address of employer	S.C. Frosys S.R.L - A Siemens Business.
Occupation or position held	Technical Manager
Main activities and responsibilities	Engineering, Design and Commissioning, Team Management and Business Development
Dates	2006 – 2007
Name and address of employer	S.C. Frosys S.R.L.
Occupation or position held	Technical Manager
Main activities and responsibilities	Engineering, Design and Commissioning, Team Management and Business Development
Dates	2005-2006
Name and address of employer	S.C. EnSeT S.R.L. – Electrical Energy Trader
Occupation or position held	CEO
Main activities and responsibilities	Business Management, Business Development, Energy Trading
Dates	1988 – 1993
Name and address of employer	I.M.S.A.T. Bucuresti Service and Commissioning Engineer for Drives and Automation
Occupation or position held	1988 – 1993
Main activities and responsibilities	Engineering, Installation and Commissioning, Team Management

Education and training	
Dates	2003
Title of qualification awarded	PhD   Electrical Engineering
Dissertation Title	Resonant Static Converters for single-phase inductive loads power supply, Scientific Supervisor Prof.dr.ing. Mircea Chindris, Universitatea Tehnica Cluj-Napoca, 2003
Name and type of organization providing education and training	Universitatea Tehnica Cluj-Napoca, Str. C.Daicoviciu nr 15. Cluj-Napoca, Romania
Personal skills and competences	
	Power System Automation and Relay Protections; Transmission and Distribution Networks, Renewable Sources; Grid Connection; Power System Modelling and Analysis; Distributed Generation; Smart Grid; EMS and DMS; Energy Efficiency; Energy Management; Industrial Automation; SCADA Systems; Project Management, Team Management, Business Management, Business Development, Commissioning, Negotiation
Mother tongue(s)	Romanian
Other language(s)	

Self-assessment	Understanding		Speaking		Writing
<i>European level (*)</i>	Listening	Reading	Spoken interaction	Spoken production	
<b>English</b>	B2	B2	B2	B2	B2
<b>French</b>	B2	B2	B2	B2	B2
<b>Didactic activity</b>					
Teaching Courses	Substations and Transformer Stations Power Network Modelling and Analysis SCADA in Power Systems Use and Management of Electric Energy Power System Automation and Protection Modern Solutions in Electric Power Transmission and Distribution Smart Grid Technologies				
Training Mobility					
	University of Liverpool, Liverpool, UK Universiteit Gent, Belgium Universitat Politecnica de Catalunya, Barcelona, Spain Universitat Politecnica de Catalunya, Barcelona, Spain Helsinki University of Technology, Helsinki, Finland L'Ecole Nationale des Arts et Industries, Strasbourg, France L'Université de Technologie de Belfort-Montbéliard, France L'Université de Technologie de Belfort-Montbéliard, France				
Institutional Projects (max 5 the most representative)					
<b>Research</b>					
National Grants (max 5 the most representative)					
International Grants (max 5 the most representative)					
Scientific publications					
<b>Additional information</b>					
Awards					
Membership of Professional Societies	IEEE Member				
Other relevant activities					
<b>Significant books published in the last 10 years (max 10)</b>	Silviu Ștefănescu, Radu-Adrian Țîrnovan, Automatizări în Sistemele Electroenergetice - Curs, Editura U.T.Press, Cluj-Napoca - 2019, ISBN 978-606-737-367-7				

<p><b>Significant papers published in the last 10 years (max 10)</b></p>	<p>Stefanescu Silviu, Botezan Aurel, Over Grid Connection of Large Photovoltaic Power Plants in Romania, 10th International Conference and Exposition on Electrical and Power Engineering , EPE 2018, WOS: 000458752200209</p> <p>Stefanescu Silviu, Botezan Aurel, Over Grid Connection of Non Dispatchable Utility Photovoltaic Power Plants in Romania, PROCEEDINGS OF 2019 8TH INTERNATIONAL CONFERENCE ON MODERN POWER SYSTEMS (MPS), Book Group Author(s):IEEE, Published: 2019, Accession Number: WOS:000612401900055, ISBN:978-1-7281-0750-9</p> <p>Roberto Hangan;Silviu Stefanescu;Antoni Turcu;Aurel Botezan, Study Regarding Implementation of a Monitoring and Control System for a Small Hydropower Plant, Published in: 2020 International Conference and Exposition on Electrical And Power Engineering (EPE), Date of Conference: 22-23 Oct. 2020, Date Added to IEEE Xplore: 18 February 2021, ISBN Information: Electronic ISBN:978-1-7281-8126-4, USB ISBN:978-1-7281-8125-7, Print on Demand(PoD) ISBN:978-1-7281-8127-1, ISSN Information: Electronic ISSN: 2644-223X, Print on Demand(PoD) ISSN: 2471-6855, INSPEC Accession Number: 20470083, DOI: 10.1109/EPE50722.2020.9305682, Publisher: IEEE, Conference Location: Iasi, Romania</p> <p>Beleiu, H., Stefanescu, S., Botezan, A., Photovoltaics as an Energetic Solution for a Commercial Building, EPE 2022 - Proceedings of the 2022 12th International Conference and Exposition on Electrical and Power Engineering, 2022, pp. 579–582</p> <p>Tudor S. Pavel, Daniela F. Niste, Sorin Gh. Pavel, Silviu Stefanescu, Aurel Botezan, Antoniu Turcu, Constantin Sorin Pica, Optimization of the Connection Conditions of a 2.4 MW Photovoltaic Power Plant on a QuasiCharged Medium Voltage Distributor, 10th International Conference on Modern Power Systems (MPS 2023) Cluj-Napoca, Romania 21-23 June 2023 IEEE Catalog Number: ISBN: CFP23MPR-POD 979-8-3503-2683, pp. 586–591</p> <p>Daniela F. NISTE, Silviu STEFANESCU, Aurel BOTEZAN, Sorin G. PAVEL, Anca MIRON, Horia G. BELEIU, Research on the Implementation of Voltage Control on MV Busbars Due to the Influence of PV Connection, International Conference on Development and Application Systems (DAS 2024) Suceava, Romania 23-25 May 2024 IEEE Catalog Number: ISBN: CFP2465Y-POD 979-8-3503-4930-6, pp. 13-19</p>
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Cluj-Napoca,  
Date: September 2024

Name and signature:  
Silviu Ștefănescu