

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Andrei Cristinel, Cziker**
 Address(es) Str. Baritiu, Nr 26-28, Cluj - Napoca, România
 Telephone(s) 0264401228
 E-mail andrei.cziker@enm.utcluj.ro
 Date of birth August 22, 1971

Work experience

Name and address of employer	Technical University of Cluj-Napoca, Power Systems and Management Department, Faculty of Electrical Engineering, 28, Memorandumului St., 400114, Cluj-Napoca, România, www.ie.utcluj.ro			
Occupation or position held	Dean - Electrical Engineering Faculty			
Dates	October 2015 – today			
Main activities and responsibilities	education/research			
Name and address of employer	Technical University of Cluj-Napoca, Power Systems and Management Department, Faculty of Electrical Engineering, 28, Memorandumului St., 400114, Cluj-Napoca, România, www.ie.utcluj.ro			
Occupation or position held	Vice Dean - Electrical Engineering Faculty			
Dates	2012-october 2015			
Main activities and responsibilities	administrative/education/research			
Name and address of employer	Technical University of Cluj-Napoca, Power Systems and Management Department, Faculty of Electrical Engineering, 28, Memorandumului St., 400114, Cluj-Napoca, România, www.ie.utcluj.ro			
Type of business or sector	education/research			
Dates	since 2006	2004 – 2006	2001 – 2004	1998 – 2001
Occupation or position held	associate professor,	lecturer,	assistant professor,	PhD student
Main activities and responsibilities	education/research	education/research	education/research	research

Education and training

Dates	1990 -1995			
Title of qualification awarded	physicist			
Principal subjects/occupational skills covered	Mechanics; electricity, quantum mechanics, electronics, solid state physics, nuclear physics			
Name and type of organization providing education and training	"Babes Bolyai" University of Cluj-Napoca, Faculty of Physics			
Level in national or international classification	ISCED 5			
Dates	1994 -1998			
Title of qualification awarded	Bachelor of science in Power Systems,			
Principal subjects/occupational skills covered	End use energy, energy management, energy efficiency, energy audit, power systems, substation, renewable energy conversion,			
Name and type of organization providing education and training	Technical University of Cluj-Napoca, Faculty of Electrical Engineering			

Level in national or international classification | ISCED 5

Dates | 1998 -1999

Title of qualification awarded | Postgraduate in power systems

Principal subjects/occupational skills covered | digital protection in power systems, fuzzy logic in power systems, artificial intelligence in power systems

Name and type of organization providing education and training | Technical University of Cluj-Napoca, Faculty of Electrical Engineering

Level in national or international classification | ISCED 5

Dates | 18 June 2002

Title of qualification awarded | Doctor in electrical engineering

Title of thesis | Unbalance compensation in electrical power systems working in non-sinusoidal condition

Name and type of organization providing education and training | Technical University of Cluj-Napoca, Faculty of Electrical Engineering

Personal skills and competences

Mother tongue(s) | Romanian

Other language(s)

Self-assessment

European level ()*

English

Hungarian

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user
C1	Independent user	C1	Independent user	C1	Independent user	C1	Independent user	B2	Independent user

Social skills and competences | Team spirit: I participated in over 20 contracts with third part and research project

Teaching

Courses: Policies and strategies to increase energy efficiency, Energy Audit, Modern Energy Conversion, Expert Systems in Power Systems, Computer programming and programming languages, Energy Management, Nuclear Power Plants
 Laboratory: Artificial Intelligence in Power Systems, Expert Systems in Power Systems, End Use of Energy, Energy Management,

Computer skills and competences

LabView, EDSA, MathCAD, MS Office

Other skills and competences

Hobby: reading and traveling

Additional information

Publication:

Books: 8 of which 1 as first author.

Manuals, application books, tutorials: 13 of which 7 as the first author.

Papers: more than 140 scientific papers published in journals and/or presented at national and international conferences:

23 ISI papers;

38 BDI papers;

93 other papers;

24 scientific books were published in prestige publishing houses,

Patents: 1 national patent

Research:

23 research projects;

Professional activity:

14 industrial audits;

30 studies on the distributed generation connection to the grid

Research field:

Power systems, power quality in networks, digital signal processing, artificial intelligence in power systems, smart grids, renewable energy

Chairman / co-chairman

8 national and international conference

Reviewer: Member of review panels at various conferences and journals

Complex Energy Auditor - authorization 0048/2021; issued by the Ministry of Energy.

Energy Auditor for Buildings - authorization series CA A No. 02513

Project Manager - certificate 5198/30.09.2022

Member in technical society

2012 - 2015 IEEE member / PES member

since 2003 SIEAR - Societatea de Instalații Electrice și Automatizări din România.

since 2000 IRE – Institutul Național Român pentru Studiul Amenajării și Folosirii Surselor de Energie – EURELECTRIC member;

since 2023 CNR-CME The Romanian National Committee of the World Energy Council

April 17, 2024

phys.dr.eng. Andrei C. CZIKER