

Curriculum Vitae



Personal information

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

Desired employment / Occupational field

Technical University of Cluj-Napoca

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 of 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 - Faculty of Electrical Engineering			
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
 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	
<i>European level (*)</i>	
English	
Hungarian	
Social skills and competences	Team spirit: I participated in over 30 contracts with third part and research project
Teaching	<i>Courses:</i> Policies and strategies to increase energy efficiency, Energy Audit, Modern Energy Conversion, Expert Systems in Power Systems, Computer programming and programming languages, Renewable energy sources, Energy Management <i>Laboratory:</i> Artificial Intelligence in Power Systems, Expert Systems in Power Systems, End Use of Energy, Energy Management, Renewable energy sources
Computer skills and competences	MathCAD, MS Office, CorelDraw, LabView, EDSA,
Other skills and competences	Hobby: reading and travelling

Additional information

Publication:

over 140 scientific papers published in journals and/or presented at national and international conference:

- 20 ISI papers;
- 38 BDI papers;
- 93 other papers;

24 scientific books published in prestige publishing houses, of which 8 as first author.

Research:

23 research projects;

Professional activity:

14 industrial audits;

25 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 / micro grids, renewable energy

Chairman / co – chairman

8 national and international conference

Reviewer

Member in technical society

since 2024 ANUEN - Alianța Națională Universitară pentru Energie Nucleară

since 2023 CNR-CME - Comitetul Național Român al Consiliului Mondial al Energiei

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;

Software development

Fuzzy power systems analyzer

01 September 2026

phys.dr.eng. Andrei C. CZIKER