

Curriculum vitae Europass



Personal information

First name / Surname **Liviu Cristian Miclea**
Address 28 Memorandumului Street, 400114, Cluj-Napoca, Romania
Phone -
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E-mail Liviu.Miclea@aut.utcluj.ro
Nationality Romanian
Date of birth -
Gender Male

Work experience

Dates 1995 - present
Occupation or position held Senate Vice President (2024-present), Dean of Faculty of Automation and Computer Science (2012-2024), Co-executive director of the Council for Doctoral Studies (2011-2012), Head of Automation Department (2003-2011), Doctoral supervisor in the Systems Engineering domain (2006-present), Professor (2004-present), Associate professor (1998-2004), Lecturer (1995-1998), member of CNATDCU committee #15 from 2013.
Main activities and responsibilities Teaching activity (Reliability and Diagnosis, CAD in Automation, Advanced Internet Technologies, Quality Assurance of Software Programs)
 Scientific research in the field of "Dependable Systems"
Name and address of employer Technical University of Cluj-Napoca (TUC-N), 28 Memorandumului Street, Cluj-Napoca, Romania
Type of business or sector Higher Education

Dates 1984-1995
Occupation or position held Scientific Researcher III degree (1990-1995), Scientific Researcher (1987-1990), Engineer (1984-1987)
Main activities and responsibilities Scientific research in automated test, process management and computer integrated manufacturing (CIM)
Name and address of employer Automation Institute Bucharest, IPA Cluj Subsidiary, 15 Zorilor Street, Cluj-Napoca, Romania
Type of business or sector Scientific research

Education and training

Dates 1990-1995
Title of qualification awarded PhD in Automation
Principal subjects / occupational skills covered Research and development in Automation and Applied Informatics
Name and type of organisation providing education and training Technical University of Cluj-Napoca

Level in national or international classification

ISCED 6

Dates

1979-1984

Title of qualification awarded

Automation and Computer Science Engineer Diploma

Name and type of organisation providing education and training

Polytechnic Institute of Cluj-Napoca

Level in national or international classification

ISCED 5

Personal skills and competences

Mother tongue(s)

Romanian

Other language(s)

Self-assessment

European level (*)

English

French

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

(*) [Common European Framework of Reference \(CEF\) level](#)

Social skills and competences

Coordination and teamwork skills - acquired through the coordination of the Faculty of Automation and Computer Science activities, doctoral studies within TUC-N, and the participation in numerous projects within the university (including the coordination of the TUC-N Senate committee for monitoring of the projects financed from structural funds).

Communication and public presentation skills - acquired through teaching activities and participation in numerous conferences and public events.

Organisational skills and competences

Organizational skills - acquired through the coordination of the Faculty of Automation and Computer Science activities, doctoral studies within TUC-N, and research projects teams.

Technical skills and competences

- Dependability of Cyber-Physical Systems (CPS);
- Quality assurance of software;
- Multiagent systems; Computer aided design (CAD) in the context of CIM.

Computer skills and competences

Operating systems administration (Linux, Windows)
Development of documents using different applications (Microsoft Office, Open Office, web editors, etc.)

Driving licence(s)

B category

Additional information

- Over 300 papers published (142 ISI, 30 in ISI journals); h-index: 19 (GS), 13 (Scopus), 10 (WoS);
- 18 monographs and books, 5 book chapters;
- 46 research projects, including 28 projects as manager / responsible, 8 international;
- 7 institutional contracts (1 responsible UTCN partner);
- General chair (2015), vice-general chair (2014) – IEEE European Test Conference;
- General chair IEEE-TTTC International Conference on Automation, Quality and Testing, Robotics – AQTR (2024-2006 ISI WoS and IEEE Xplore);
- General chair IEEE Symposium on Design and Diagnostics of Electronic Circuits and Systems – DDECS 2019;
- Corresponding member of Technical Sciences Academy of Romania (from 2024); Senior Member (from 2016), Responsible for Romania of the IEEE- Computer Society - Test Technology Technical Council (from 1998); Member of Romanian Society of Automation and Computer Engineering (SRAIT, from 2000);
- 12 international and national awards nationale ("Certificate of Recognition" (IEEE 2023, 2021) "Meritorious Service Award" (IEEE Computer Society 2015 si 2008); "Marius Hăngănuț" Award of Excellence in Scientific Research, TUC-N, 2007; "Ambassador of TUCN" 2024; ...).

9.02.2026, Cluj-Npoca

Prof. Dr. Eng. Liviu Miclea