

Europass Curriculum Vitae



Personal information

First name / Surname **Petrică CIOTÎRNAE**

E-mail petrica.ciotirnae@mta.ro

Nationality Romanian

Date of birth 13.10.1970

Gender Male

Work experience

Dates **from 2024 to present**

Occupation or position held **Associate Professor** / Faculty of Communications and Electronic Systems for Defence and Security / Department of Communications and Information Technology

Main activities and responsibilities University education activities / Scientific research activities

Name and address of employer Military Technical Academy Ferdinand I, George COȘBUC 39-49, Bucharest, Romania

Type of business or sector Education / Scientific research

Dates **from 2021 to 2024**

Occupation or position held Research and Development Engineer

Main activities and responsibilities Scientific research activities / Management of research activities

Name and address of employer Private sector

Type of business or sector Scientific research / Private sector

Dates **from 2018 to 2021**

Occupation or position held **Dean** of Communications and Electronic Systems for Defence and Security Faculty

Main activities and responsibilities Management of educational activities / Scientific research activities / University education activities

Name and address of employer Military Technical Academy, George COȘBUC 39-49, Bucharest, Romania

Type of business or sector Education / Scientific research

Dates **from 2016 to 2018**

Occupation or position held **Director** of Military Communications and Electronic Systems Department / Faculty of Military Electronic and Computer Systems

Main activities and responsibilities Management of educational activities / Scientific research activities / University education activities

Name and address of employer Military Technical Academy, George COȘBUC 39-49, Bucharest, Romania

Type of business or sector Education/Scientific research

Dates	from 2013 to 2014
Occupation or position held	Vice-Rector for Scientific Research at Military Technical Academy
Main activities and responsibilities	Management of scientific research and educational activities / University education activities / Scientific research activities
Name and address of employer	Military Technical Academy, George COȘBUC 39-49, Bucharest, Romania
Type of business or sector	Education / Scientific research
Dates	from 2012 to 2013
Occupation or position held	Vice-Dean for Scientific Research of Military Electronic and Computer Systems Faculty
Main activities and responsibilities	Management of scientific research and educational activities / University education activities / Scientific research activities
Name and address of employer	Military Technical Academy, George COȘBUC 39-49, Bucharest, Romania
Type of business or sector	Education/Scientific research
Dates	from 2009 to present
Occupation or position held	Associate Professor / Faculty of Military Electronic and Computer Systems / Department of Military Communications and Electronic Systems
Main activities and responsibilities	University education activities / Scientific research activities / Students supervising / Management of educational activities
Name and address of employer	Military Technical Academy, George COȘBUC 39-49, Bucharest, Romania
Type of business or sector	Education/Scientific research
Dates	from 2007 to 2009
Occupation or position held	Lecturer / Faculty of Military Electronic and Computer Systems / Department of Military Communications and Electronic Systems
Main activities and responsibilities	University education activities / Scientific research activities / Students supervising / Management of educational activities
Name and address of employer	Military Technical Academy, George COȘBUC 39-49, Bucharest, Romania
Type of business or sector	Education / Scientific research
Dates	from 2000 to 2007
Occupation or position held	Assistant / Faculty of Military Electronic and Computer Systems / Department of Military Communications and Electronic Systems
Main activities and responsibilities	University education activities / Scientific research activities / Students supervising / Management of educational activities
Name and address of employer	Military Technical Academy, George COȘBUC 39-49, Bucharest, Romania
Type of business or sector	Education/Scientific research
Dates	from 1997 to 2000
Occupation or position held	Preparator / Faculty of Military Electronic and Computer Systems / Department of Military Communications and Electronic Systems
Main activities and responsibilities	University education activities / Scientific research activities / Students supervising / Management of educational activities
Name and address of employer	Military Technical Academy, George COȘBUC 39-49, Bucharest, Romania
Type of business or sector	Education / Scientific research

Education and training

Dates	10-11/2006
Title of qualification awarded	Graduation Certificate
Principal subjects/occupational skills covered	<i>Security and Cooperation in the Black Sea Region</i>
Name and type of organization providing education and training	National Defence University (Bucharest)
Level in national or international classification	ISCED 4
Dates	1996 - 2004
Title of qualification awarded	PhD, Electronics and Telecommunication (scientific domain)
Principal subjects/occupational skills covered	<i>Communications on Chaotic Carrier. Applications in Military Communications Systems</i>
Name and type of organization providing education and training	Military Technical Academy
Level in national or international classification	ISCED 6
Dates	1990 - 1996
Title of qualification awarded	Engineer, Communication Department (specialty)
Principal subjects/occupational skills covered	Electronics, Communication Systems, Radios, Sensors, Communication Network Management
Name and type of organization providing education and training	Military Technical Academy
Level in national or international classification	ISCED 5
Dates	1985 - 1989
Title of qualification awarded	High-school diploma, Electrotechnics (profile)
Principal occupational skills covered	Electrotechnics, Electronics, Mechanical Systems, Mathematics, Physics
Name and type of organization providing education and training	High-School "St. SAVA" (Bucharest)
Level in national or international classification	ISCED 3

Personal skills and competences

Mother tongue(s)	Romanian							
Other language(s)	English							
Self-assessment	Understanding		Speaking		Writing			
<i>European level (*)</i>	Listening	Reading	Spoken interaction	Spoken production				
English	C1	-	C1	-	B2	-	B2	-

(*) [Common European Framework of Reference for Languages](http://www.cedefop.europa.eu/en/files/quest_en.pdf)

Social skills and competences Team leader spirit, very good communication capacity, long-term working tasks assignments. Published more than 60 scientific papers and 6 specialty books at national publishing houses. Team leader or member of national Scientific of more than 20 Research Projects. Member in organizing committee of national and international conferences.

Organizational skills and competences	Critical decision capabilities, substantial experience in the field of team leader management
Technical skills and competences	Particularly good skills and competences in the field of network communications and electronics
Computer skills and competences	Engineering software: Comnet, Opnet, Matlab Common software: Microsoft Office, Project, Visio
Driving license	B and C categories

Scientific Profile Visibility

- L1. Web of Science: <https://www.webofscience.com/wos/author/record/HMV-9117-2023>
- L2. ORCID: <https://orcid.org/0000-0002-2871-3227>
- L3. ACM Digital Library: <https://dl.acm.org/profile/81372593377>
- L4. Brain Map ID: <https://www.brainmap.ro/public-profile-82889349>
- L5. Google Scholar: <https://scholar.google.ro/citations?user=52jOEZMAAAJ&hl=en>
- L6. Research Gate: <https://www.researchgate.net/profile/Petrica-Ciotirnae>

Scientific Research Projects

Project Manager

- C1. Project No. PN-III-P2-2.1-SOL-2017-08-0107, **9SOL/2018**, “Integrated System for Support and Command of Crisis Response Actions”, National Research, Development and Innovation Program (PNCDI III), Solutions, Acronym SIS-COM-ISC, Initial budget 8.000.000 lei, **2018-2021**
www.9sol.ro ; <https://mta.ro/proiecte-finalizate> , <https://uefiscdi.gov.ro/9SOL>
- C2. Project No. **11-029/2007**, “Complex analysis and optimization system for teletraffic in communication networks with technological diversity and convergence of services”, National Research, Development and Innovation Program (PNCDI II), Partnership, Acronym ATRAF, Initial budget 1.960.000 lei, **2007-2010**
www.atraf.ro, <http://www.mta.ro/proiecte-finalizate/>
- C3. Project no. **A 10136/28.12.2006**, “Analysis, optimization and new technologies”, Contractor: S.C. Marctel SIT
Initial budget 84.000 lei, **2007-2008**.

Partner Project Manager

- C4. Project No. **02PSCD/2022**, “Anti-drone jamming system”, Sectorial Research Programs (PSCD), Acronym LOST-DRONE, Initial budget 5.994.800 lei, **2022-2025**
<https://www.dpa.ro/dgarm/cercetare-dezvoltare-inovare>
- C5. Project No. CEEX-M1-C2-2617, **12/2006**, “Secure Communications for Eurocom Networks”, Research of Excellence Programs (CEEX), Acronym SCE-SCIP, Initial budget 1.011.974 lei, **2006-2008**
http://www.cnmp.ro/ceex/comp1_2006/oferta.php?id=2617
http://www.mct-excelenta.ro/fileadmin/mct/Rezultate/modulul_1/ianuarie_2006/lista_finantate_M1.htm

Date: 30.01.2026

Associate Professor Eng.
Petriță CIOTÎRNAE Ph.D.