

CURRICULUM VITAE



PERSONAL INFORMATIONS

Name **CÎRMACI MATEI**
Surname **MARIUS VALERIU**
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Date & place of birth November, 11, 1973, Suceava
Nationality Romanian
Marital status Married, 2 children

WORK EXPERIENCE

- From 15.03.2004 - Now
 - Employer's name and address **Military Technical Academy**, 81-83, Georg Coșbuc Blvd, Bucharest, Romania
 - Type of business or sector High education staff (undergraduation and postgraduation levels), scientific research in engineering systems
 - Occupation or position held University Professor / Mecatronics and Integrated Armament Systems / Armament Systems Engineering and Mecatronics Department
- Main activities and responsibilities Teaching, scientific research, supervisor of international students, standardisation, member in national and international scientific groups
- From 03.09.2004 To 17.12.2004
 - Employer's name and address **Royal Military College of Science / Cranfield University, Shrivenham, UK**
 - Type of business or sector Scientific Research work
 - Occupation or position held Researcher
- Main activities and responsibilities Handgun dynamic computer simulations, experimental work regarding ballistic powders and guns's behavior when fire. Stage supervisor: Dr. J P Hazell, Prof. Derek Allsop
- From 01.01.2001 To 01.10.2004
 - Employer's name and address **Active Force (former Rapid Reaction Force) / 81 Mechanized Brigade, Bistrița**
 - Type of business or sector Logistics, Maintainance, Acquisitions
 - Occupation or position held Head of Logistic Department (2002-2004 interrupted for master studies)
- Main activities and responsibilities Coordinator of weapons and ammunition office

EDUCATION

- From 2003 To 2008
 - Name and type of organization **Military Technical Academy, Bucharest**
Integrated Armament Systems Department
 - Principal subjects/occupational skills covered PhD studies in mechanical engineering / Interior ballistics; Weapon dynamics; Armament systems qualification; 3D simulation of armament systems; Acoustics characteristics of armament systems
 - Title of qualification awarded PhD in Mechanical Engineering

- From 2006 To 2008
- Name and type of organization providing education **POLITEHNICA University, Bucharest**
- Title of qualification awarded **Biotechnical Systems Engineering Department**
Master Diploma
- From 2002 To 2004
- Name and type of organization providing education **Military Technical Academy**
- Title of qualification awarded **Armament, Rockets and Ammunition Department**
Master Diploma
- From 07.12.2009 To 10.12.2009
- Name and type of organization providing education **Naval Postgraduate School, Monterey, California / Military Technical Academy, one week course in MTA**
- Title of qualification awarded **Diploma / Life Cycle Management of Armaments Projects**
- From 28.09.2009 To 30.09.2009
- Name and type of organization providing education **Universidade Nova de Lisboa, Faculdade de Ciências e Tecnologia / Military Technical Academy, one week course in MTA**
- Title of qualification awarded **Certificate / Fundamentals of Axiomatic Design**
- From 11.11.2006 To 11.12.2006
- Name and type of organization providing education **POLITEHNICA University, Bucharest**
- Title of qualification awarded **Advanced Technologies Centre for New Materials**
Certificate / LabVIEW programming of data acquisition systems
- From 1992 To 1998
- Name and type of organization providing education **Military Technical Academy**
- Title of qualification awarded **Armament, Rockets and Ammunition Department**
Licence Diploma / Mechanical Engineering

LINGUISTIC SKILLS**NATIVE LANGUAGE**

Romanian

- reading
- writing
- speaking

	English	French	Russian	Czech
• reading	C1	C1	B1	B1
• writing	C1	B2	A2	A1
• speaking	C1	B2	A2	A1

SCIENTIFIC RESEARCH SKILLS AND COMPETENCES

- Member in international project *Environmentally Responsible Munitions* ERM TA - B0423-GEM2-ERG, European Defense Agency, 2010-2012, 2.210.000 Euro. Participants: UK, NO, NL, FR, RO;
- Project director for 2 scientific research project, national competition, 500 000 Euro each;
- Project director or member in 25 scientific projects MoD or industry;
- 40 papers in national and international journals/conferences;
- 5 papers in ISI indexed conferences, 1 abstract in ISI journal, impact factor 6,411;
- 2 published books

ORGANIZATIONAL SKILLS AND PROFESSIONAL RELATIONS

- Member in working international groups of experts (European Working Group in Non Lethal Weapons, EDA groups and NATO/STO); chairman in international conferences:
- Qualification activities and experimental projects with ammunition and explosives:
- Technical consultancy for weapons and ammunition;
- Peer review for scientific papers published in *MTA Review*

