



## CURRICULUM VITAE EUROPASS

### PERSONAL INFORMATION

Name	<b>PROF.DR. VICTOR-VALERIU PATRICIU</b>
Address	Military Technical Academy, Bd. Regina Maria, nr.81-83, sect.5, Bucharest, ROMANIA
Telephone	<b>0040213354665</b>
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E-mail	<b>vip@mta.ro</b>
Nationality	Romanian
Date of birth	25.06.1951

### WORK EXPERIENCE

#### WORK PLACE

Military Technical Academy, Bd. Regina Maria, nr.81-83, sect.5,  
Bucharest, ROMANIA

- Dates (from – to) 1979 - Current
- Name and address of employer Military Technical Academy, Bd. Regina Maria, nr.81-83, sect.5, Bucharest, Romania
- Type of business or sector Computer Engineering Department
- Occupation or position held Assistant Professor(1979-1985),  
Associate Professor (1985-1995)  
Professor (1995- Current)
  
- Dates (from – to) 2007 - 2011
- Name and address of employer Military Technical Academy, Bd. Regina Maria, nr.81-83, sect.5, Bucharest, Romania
- Type of business or sector University Management
  
- Dates (from – to) 2011 - Current
- Name and address of employer Military Technical Academy, Bd. Regina Maria, nr.81-83, sect.5, Bucharest, Romania
- Type of business or sector University Management
- Occupation or position held Director of Doctoral School

- Main activities and responsibilities

Teaching activities (lectures & laboratories):

- Information Assurance
- Operating systems
- Compiler Construction
- Computer Networks
- Cryptography
- Computer & Network Security
- Electronic Signatures and PKI
- E-payment Security

Research activities (national and European grants and studies) in domains like:

- Cryptographic mechanisms, services and protocols
- Electronic Signature
- PKI infrastructures and bridge technologies
- Smart-card applications
- Electronic payment systems
- Security of network protocols
- E-mail and document security
- Information Security developing, deploying and auditing.
- Biometrics
- Cyber defense
- Ad-hoc networks
- IDS and honeypots

Doctoral Thesis Supervisor (from 1997) in Computer Science & Information Technology domain; today I advice 12 Ph.D. students, 1 co-advised with INP Toulouse France. The special research focus was on Cryptography, Network & Information Security, Cyber defense. 14 young researches have finished the PhD studies, 2 being co-advised with Institut Nationale Polytechnique de Toulouse.

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|---|---|
| <ul style="list-style-type: none"> <li>• Dates (from – to)</li> </ul>   | 1995 – 1997   |
| <ul style="list-style-type: none"> <li>• Name and address of employer</li> <li>• Type of business or sector</li> <li>• Occupation or position held</li> <li>• Main activities and responsibilities</li> </ul> | Polytechnica University, Bucharest, Romania<br>Computer Engineering Dep't.<br>Professor associated<br>Cryptography course and labs.   |
| <ul style="list-style-type: none"> <li>• Dates (from – to)</li> </ul>   | 1996 – Current  |
| <ul style="list-style-type: none"> <li>• Name and address of employer</li> <li>• Type of business or sector</li> <li>• Occupation or position held</li> <li>• Main activities and responsibilities</li> </ul> | Academy of Economic Studies, Bucharest, Romania<br>Economic Informatics Dep't.<br>Professor associated<br>Electronic Signatures course and labs<br>E-business & Electronic Payments Systems course and labs.    |
| <ul style="list-style-type: none"> <li>• Dates (from – to)</li> </ul>   | 2000 – 2004   |
| <ul style="list-style-type: none"> <li>• Name and address of employer</li> <li>• Type of business or sector</li> <li>• Occupation or position held</li> <li>• Main activities and responsibilities</li> </ul> | Academy of Economic Studies, Bucharest, Romania<br>BRIE- Bulgarian-Romanian Inter-University Center of Europe<br>Professor associated<br>Juridical and Security Aspects in Applied Informatics course and labs. |
| <ul style="list-style-type: none"> <li>• Dates (from – to)</li> </ul>   | 2001, 2002, 2004  |
| <ul style="list-style-type: none"> <li>• Name and address of employer</li> <li>• Type of business or sector</li> <li>• Occupation or position held</li> </ul>   | ENSIETA Brest, France<br>Department Informatique<br>Professor associated  |

- Main activities and responsibilities
    - Dates (from – to)
- Name and address of employer
  - Type of business or sector
  - Occupation or position held
    - Main activities and responsibilities
      - Dates (from – to)
- Name and address of employer
  - Type of business or sector
  - Occupation or position held
    - Main activities and responsibilities
      - Dates (from – to)
- Name and address of employer
  - Type of business or sector
  - Occupation or position held
    - Main activities and responsibilities
      - Dates (from – to)
- Name and address of employer
  - Type of business or sector
  - Occupation or position held
    - Main activities and responsibilities
      - Dates (from – to)

**EDUCATION AND TRAINING**

- Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
  - Title of qualification awarded
  - Level in national classification (if appropriate)
- Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
  - Title of qualification awarded
  - Level in national classification (if appropriate)
- Dates (from – to)
- Name and type of organization providing education and training

- Principal subjects/occupational skills covered
- Title of qualification awarded
- Level in national classification (if appropriate)

Ph.D. in Computer Science and Engineering

Thesis: "Security of Distributed Systems and Computer Networks; A Software Toolkit for Generating Cryptographic Services for Networks and Distributed Systems"

Ph.D. Degree

Magna cum laude

**PERSONAL SKILLS AND COMPETENCES**

*Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.*

**MOTHER TONGUE**

**ROMANIAN**

**OTHER LANGUAGES**

- Reading skills
- Writing skills
- Verbal skills

**ENGLISH**

EXCELLENT

GOOD

GOOD

- Reading skills
- Writing skills
- Verbal skills

**FRENCH**

EXCELLENT

GOOD

EXCELLENT

**SOCIAL SKILLS**

**AND COMPETENCES**

*Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.*

- Member of *Romanian PsihoNeuroEndocrine Society*
- Member of *Floreasca Swimming Club*

**ORGANIZATIONAL SKILLS**

**AND COMPETENCES**

*Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.*

- Official doctoral supervisor (Ph.D.) students in Computer Science & Engineering
- ACM (Association for Computing Machinery), USA -member of the Romanian Board
- IFIP/WG11.8 Committee on Information Security Education and Training-member
- AFCEA – member of the Romanian Board
- New York Academy of Science- member
- George Marshall Center for Security Studies- member of PfP Consortium Working Group "Impact of Information Technologies on National Security".
- NATO Research and Technology Organization, Information Systems Technology Working Group.
- Information security consultant for Romanian Ministry of Information Technologies, and for Romanian and international companies.
- Head of the National Commission for Standardization in Information Security
- Director of Research Grants:
  - "Electronic Document Security and Smart-Cards", financed by Romanian Education and Research Ministry, CNCISIS.
  - "Security of E-mail Using Smart-Cards", financed by Romanian Education and Research Ministry, CNCISIS.
  - "Technologies and Regulations on PKI and their interoperability", financed

by Romanian Education and Research Ministry, CNCISIS.

- “Security Technologies and Protocols for E-commerce Security”, financed by Romanian Education and Research Ministry, ORIZONT 2000.
- “Romanian Standards for Electronic Signatures”, financed by Romanian Education and Research Ministry, CALIST.
- “Handbook of Advanced Distributed Learning in Military Education & Training”, financed by NATO Working Group on ADL, SCORM (member).

**TECHNICAL SKILLS  
AND COMPETENCES**  
*With computers, specific kinds of  
equipment, machinery, etc.*

Patriciu has a vast technical and teaching background. Patriciu is proficient in cryptography algorithms and mechanisms, electronic signatures and PKI, information security policies developing, deploying and auditing, smart-cards applications, e-payments protocols, certificate service provider’s deployment.

**ARTISTIC SKILLS  
AND COMPETENCES**  
*Music, writing, design, etc.*

Violin music player. Theater and classical music lover.

**OTHER SKILLS  
AND COMPETENCES**  
*Competences not mentioned above.*

**DRIVING LICENCE(S)**

Full Romanian License

**ADDITIONAL INFORMATION**

Mobility and Teaching grants at:

- University of Copenhagen, Denmark-1992, 1993
- University of Oxford, England, 1994, 1995
- University of Montreal, Canada, 1996
- University of Barcelona, Spain, 2000,2006
- ENSIETA Brest, France, 2000, 2001, 2002, 2004, 2007
- INP Toulouse, 2001, 2002, 2005, 2007, 2008
- Ecole Militaire de Saint-Cyr de Cotquidan, 2009, 2010.

Introduced in:

- “Who’s Who in the World”, Marquis Who’sWho Publisher, USA
- “Who’s Who in Romania”, Ed.Tehnica, Bucharest
- “Dictionary of International Biography”, International Bibliographical Center, Cambridge, UK

**ANNEXES**

List of recent books, student books, papers in periodicals, conferences and symposiums, research grants

Bucharest, 01.07.2012