



CURRICULUM VITAE EUROPASS

PERSONAL INFORMATION

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| Name | PROF.DR. VICTOR-VALERIU PATRICIU |
| Address | Military Technical Academy, Bd. Regina Maria, nr.81-83, sect.5, Bucharest, ROMANIA |
| Telephone | 0040213354665 |
| Fax | 0040213355763 |
| E-mail | vip@mta.ro |
| 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) 2012 - 2013
- 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 Vice-Rector for Research and Doctoral Studies

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

- Main activities and responsibilities

2011 - Current

Military Technical Academy, Bd. Regina Maria, nr.81-83, sect.5, Bucharest, Romania
 University Management
 Director of Doctoral School

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
- Wireless Sensor Networks
- Security in Cloud Computing
- Network Forensics

Doctoral Thesis Supervisor (from 1997) in Computer Science & Information Technology domain; today I advice 8 Ph.D. students. The special research focus was on Cryptography, Network & Information Security, Cyber defense. 12 young researches have finished the PhD studies, 2 being co-advised with Institut Nationale Politechnique de Toulouse.

- 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

1995 – 1997

Polytechnica University, Bucharest, Romania
 Computer Engineering Dep't.
 Professor associated
 Cryptography course and labs.

1996 – Current

Academy of Economic Studies, Bucharest, Romania
 Economic Informatics Dep't.
 Professor associated
 Electronic Signatures course and labs
 E-business & Electronic Payments Systems course and labs.

- 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
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- Name and address of employer
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- 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

2000 – 2004

Academy of Economic Studies, Bucharest, Romania
 BRIE- Bulgarian-Romanian Inter-University Center of Europe
 Professor associated
 Juridical and Security Aspects in Applied Informatics course and labs.

2001, 2002, 2004

ENSIETA Brest, France
 Department Informatique
 Professor associated
 E-business et Securite informatique

2002, 2005

INP-Institut Nationale Politechnique de Toulouse, France
 Computer Science Dep't.
 Professor associated
 Sécurité Informatique course and labs.

2006 – 2010

Romanian-American University of Bucharest
 Management Informatics Dep's.
 Professor associated
 Legislation and Information Security course and labs.

2004

Romanian Military Resource Management Center, Brasov, Romania
 CIO Leadership Education Program
 Professor associated
 Information Assurance course and labs.

1975 – 1979

Ministry of Defense
 Computer and Information Data Center
 System and Network Administrator
 Active participation on the project of the creation of the first defense computer network, with teleprocessing and distance access services. Patriciu has developed software components for computer interconnection and for file transfer. He worked also to cryptographic solutions for protecting and authenticating data and entities.

1966 – 1970

Nicolas Lenau High School, Timisoara, Romania
 Romanian, French, English, Math, Science, Biology, Geography
 Matriculation (A Levels)
 Distinction

1970 – 1975

Politehnica University of Timisoara, Computer Engineering Dep't.

- 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)

Master in Computer Science and Engineering

Computer programming, Databases, Operating systems, Compiler construction, Networks, Computer architectures

Masters Degree

Chief of Series

1990 – 1993

Politehnica University of Bucharest, Computer Engineering Dep't.

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 (18 titles granted, 15 Ph.D. students in progress)
- 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 Science and Technology Organization, *Collaboration Support Office (CSO)*, 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
- *Computing Review* reviewer
- 14 books in computer science- cyber security, 7 manuals for students, more than 80 scientific papers published in Conference Proceedings and journals
- More than 150 citations
- Research Grants:
 - “Electronic Document Security and Smart-Cards”, financed by Romanian Education and Research Ministry, CNCSIS.
 - “Security of E-mail Using Smart-Cards”, financed by Romanian Education and Research Ministry, CNCSIS.
 - “Technologies and Regulations on PKI and their interoperability”, financed by Romanian Education and Research Ministry, CNCSIS.
 - “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

Awards:

- Computing Review & ACM- Association for Computing Machinery, **Certificate of Achievement for writing the Best Reviews of 2012**, “outstanding example of what we seek from our contributors”
- Premiul Grigore C. Moisil pe anul 2014**, Asociatia **Inforec** (Promovarea Invatamantului de Informatica Economica), “recunoaste meritele domnului Victor-Valeriu PATRICIU in dezvoltarea invatamantului informatic Romania”
- Emblema de onoare a Comunicatiilor si Informaticii**, Ministerul Apararii Nationale, Statul Major General, “in semn de apreciere pentru rezultatele remarcabile obtinute in procesul de instructie si contributi deosebite aduse la indeplinirea misiunilor structurilor de comunicatii si informatica” 2013
- Medalia Națională “Serviciul Credincios” in grad de Cavaler**, acordata de Presedintele Romaniei, 2001

ANNEXES

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

Bucharest, 11.01.2016

ANNEXE – CV

LIST OF RECENT PUBLICATIONS and RESEARCH PROJECTS

PROFESSOR VICTOR-VALERIU PATRICIU, PH.D.

A. Books

| | <i>Title</i> |
|----|--|
| 1. | <i>General-maior dr.Ion Angheloiu , Colonel dr.ing.Eugen Györfi , lector univ.ing.Victor-Valeriu Patriciu " SECURITATEA ȘI PROTECȚIA INFORMAȚIEI ÎN SISTEMELE ELECTRONICE DE CALCUL ", Editura militară Bucuresti , 310 pag., 1986</i> |
| 2. | <i>Valentin Cristea, Victor-Valeriu Patriciu , Lucia Coculescu, Ioan Finta "PROIECTAREA SISTEMELOR TELEINFORMATICE",Editura militară, Bucuresti ,280 pag., 1988</i> |
| 3. | <i>Victor-Valeriu Patriciu , "SISTEME DE OPERARE PENTRU MINI SI MICROCALCULATOARE",Editura militară Bucuresti, 310 pag., 1992</i> |
| 4. | <i>Victor-Valeriu Patriciu, Telu Dumitru, Răzvan Mureșan , "TOTUL DESPRE PROCESORUL DE TEXTE WORD 2.0 SUB WINDOWS ", Editura Cantemir, Bucuresti, 192 pag., 1994</i> |

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| 5. | Victor-Valeriu Patriciu , " CRİPTOGRAFIA SI SECURITATEA RETELOR DE CALCULATOARE CU APLICATII IN C SI PASCAL ", Editura Tehnică, Bucuresti, 320pag., 1994 |
| 6. | Valentin Cristea, Victor-Valeriu Patriciu , " MAI MULTE DESPRE INTERNET : Eudora. Netscape. Internet în România ", Editura TEORA, 256 pag, ISBN 681-327-520-773-2, 1996 |
| 7. | Victor-Valeriu Patriciu , Monica Ene-Pietroșanu, Ion Bica, Costel Cristea, „ SECURITATEA INFORMATICĂ ÎN UNIX ȘI INTERNET ”, Editura Tehnică, ISBN 973-31-1185-6, 558 pg., 1998 |
| 8. | Victor-Valeriu Patriciu , Ioana VASIU, Serban Patriciu, " INTERNET-UL SI DREPTUL " , Editura All Beck, 454 pag., ISBN 973-9435-40-8, 1999 |
| 9. | Victor-Valeriu Patriciu , Monica Ene-Pietroșanu, Ion Bica, Călin Văduva, Nicolae Voicu, „ SECURITATEA COMERȚULUI ELECTRONIC ”, Editura All, ISBN 973-571-325-X, 422 pg., 2001 |
| 10. | Victor-Valeriu PATRICIU , Ene-Pietroșanu Monica, Bica Ion, Priescu Iustin, " SEMĂȚURI ELECTRONICE ȘI SECURITATE INFORMATICĂ – ASPECTE CRIPTOGRAFICE, TEHNICE, JURIDICE ȘI DE STANDARDIZARE ", Editura BIC ALL (cod CNCIS 239), 608 pagini, ISBN 973-571-564-3, 2006 |
| 11. | Victor-Valeriu Patriciu , Iustin PRIESCU, Sebastian NICOLAESCU, " SECURITATEA POȘTEI ELECTRONICE ÎN INTERNET ", Editura Academiei Tehnice Militare (cod CNCIS 158), 242 pag., ISBN 973-640-043-3, 2007 |
| 12. | Ion IVAN, Cristian TOMA, Victor-Valeriu PATRICIU , Ion BICA, Adrian ATANASIU, Valentin CRISTEA, Ion SMEUREANU, Marius POPA, 663 pag, „ INFORMATICS SECURITY HANDBOOK, 2ND EDITION ”, Editura ASE, ISBN 978-606-505-246-8,2009 |
| 13. | Victor-Valeriu Patriciu , , Titi PARASCHIV " TEORIA SISTEMELOR INFORMATIONALE " (Editura Academiei Romane, 365 pag., ISBN 978-973-27-1496-6, 2009 |
| 14. | Stelian Flonta, Victor Valeriu Patriciu , Liviu Cristian Miclea , " METODE CRIPTOGRAFICE PENTRU SISTEME STRUCTURATE ", (Ed. U.T.Press Cluj-Napoca, ISBN 978-973-662-620- 3, 260 pagini, 2011 |

B. Students books

| | Title |
|----|---|
| 1. | Victor-Valeriu Patriciu , « LECTII DE SISTEME DE OPERARE », Editura Academiei Militare, București, 150 pg, 1980 |
| 2. | Victor-Valeriu Patriciu , « COMPILATOARE », Editura Academiei Militare, București, 200 pg, 1981 |
| 3. | Victor-Valeriu Patriciu , « RETELE TELEINFORMATICE », Editura Academiei Militare, București, 250 pg, 1983 |
| 4. | Victor-Valeriu Patriciu , « SISTEMELE DE OPERARE MS-DOS SI UNIX », Editura Academiei Tehnice Militare, București, 160 pg, 1991 |
| 5. | Victor-Valeriu Patriciu , « SECURITE DU CONTENUE MULTIMEDIA », Cours Toutorial in format electronic, Institut National Polytechnique de Toulouse, France, 2007 |
| 6. | Victor-Valeriu Patriciu , « SECURITE INFORMATIQUE ET E-BUSINESS », Cours Toutorial in format electronic, ENSIETA-Ecole Nationale d'Ingenieurs de Technique d'Armement Brest, France, 2002 |
| 7. | Victor-Valeriu Patriciu , PROIECTAREA SISTEMELOR DE OPERARE », Cours in format electronic, Editura Academiei Tehnice Militare, București, 380 pg, (ISBN 978-973-640-111-0), 2012 |

C. Publications in journals & proceedings

| | Title | Year |
|-----|--|------|
| 1. | Victor-Valeriu PATRICIU , V. Podaru, Ion Bica, “A KNOWLEDGE BASED MODEL IN DESIGN PROCESS” , 6th World Multi-Conference on Systemics, Cybernetics and Informatics (SCI 2002)/8th International Conference on Information Systems Analysis and Synthesis (ISAS 2002), VOL XVIII, PROCEEDINGS: INFORMATION SYSTEMS, CONCEPTS AND APPLICATIONS OF SYSTEMICS, CYBERNETICS AND INFORMATICS Pages: 130-134 , Orlando, 2002, | 2002 |
| 2. | Victor-Valeriu PATRICIU , V. Podaru, Ion Bica, „SMART CARDS AND DIGITAL SIGNATURES FOR E-BUSINESS SECURITY” , 6th World Multi-Conference on Systemics, Cybernetics and Informatics (SCI 2002)/8th International Conference on Information Systems Analysis and Synthesis (ISAS 2002), VOL XVIII, PROCEEDINGS: INFORMATION SYSTEMS, CONCEPTS AND APPLICATIONS OF SYSTEMICS, CYBERNETICS AND INFORMATICS, ISBN: 980-07-8150-1, Pages: 124-129 , Orlando, USA, 2002, authors | 2002 |
| 3. | Victor-Valeriu PATRICIU , Stoleru, ND, “VISUAL CRYPTOGRAPHY FOR PASSWORD GENERATION” , 8TH WORLD MULTI-CONFERENCE ON SYSTEMICS, CYBERNETICS AND INFORMATICS, VOL II, PROCEEDINGS: COMPUTING TECHNIQUES - SCI 2004 Orlando, USA, 2004, ISBN 980-6560-13-2, Pages: 538-543 | 2004 |
| 4. | Victor-Valeriu PATRICIU , Iustin PRIESCU, Sebastian NICOLAESCU , “INTERNET WORMS - PROPAGATION MODELING AND ANALYSIS” , The 4 th ROEDUNET International Conference: Education/Training and Information/ Communication Technologies - ROEDUNET '05 ", May 20-22, 2005, Published: 2006, Proceedings of the 4th International Conference RoEduNet, pag. 228-234, ISSN 1922- 1324 | 2006 |
| 5. | Victor-Valeriu PATRICIU , Iustin PRIESCU, Sebastian NICOLAESCU, “OPERATIONAL SECURITY METRICS FOR LARGE NETWORKS ” , International Conference on Computers, Communications and Control (ICCC 2006), published in Volume: I (2006), INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL (IJCCC) 2006, pag. 349-354, ISSN 1841- 9836; E-ISSN 1841-9844, 2006. Revista categoria A, Cod CNC SIS 849 | 2006 |
| 6. | Iustin PRIESCU, Victor-Valeriu PATRICIU , Sebastian NICOLAESCU, “DATA CORRELATION TECHNIQUES IN NETWORK SECURITY MONITORING ” ,: 5th RoEduNet IEEE International Conference, June 1-3 2006, Proceedings, 978-973-739-277-0, Pages: 124-128 | 2006 |
| 7. | Neculai Daniel STOLERU and Victor Valeriu PATRICIU , „THE POLYNOMIAL MULTICOMPOSITION PROBLEM IN (Z/nZ)” , SECRIPT 2007 - International Conference on Information Security and Cryptography, part of ICETE - The International Joint Conference on e-Business and Telecommunications, Porto, Portugal, 26-29 July 2007, PROCEEDINGS OF THE SECOND INTERNATIONAL CONFERENCE ON SECURITY AND CRYPTOGRAPHY, ISBN: 978-989-8111-12-8, Pages: 269-272 | 2007 |
| 8. | PLESCA, C; Victor-Valeriu PATRICIU ; CHARVILLAT, V, “SIGNAL-COHERENT VIDEO WATERMARKING SCHEMES BASED ON VISUAL CRYPTOGRAPHY” , 13th Annual Scientific Conference on Web Technology, New Media Communications and Telematics Theory, Methods, Tools and Applications and D-TV, Date: APR 25-27, 2007 Delft Univ Technol Delft NETHERLANDS, Source: EUROMEDIA '2007 Pages: 69-73 Published: 2007 | 2007 |
| 9. | Victor-Valeriu PATRICIU , Adrian Furtuna , “GUIDE FOR DESIGNING CYBER SECURITY EXERCISES” , Proceedings of the 8 th WSEAS International Conference on Information Security and Privacy (WSEAS 2009), ISBN 978-960-474-143-4, Puerto De La Cruz, Tenerife, Spain, RECENT ADVANCES IN E-ACTIVITIES, INFORMATION SECURITY AND PRIVACY, Book Series: Electrical and Computer Engineering Series, Pages: 172-177 Published: 2009 | 2009 |
| 10. | Victor-Valeriu PATRICIU , Iustin PRIESCU, Sebastian NICOLAESCU , „THE VIEWPOINT OF E-COMMERCE SECURITY IN THE DIGITAL ECONOMY” , International Conference on Future Computer and Communication, Kuala Lumpur, Malaysia, IEEE Computer Society, pag. 431-434, ISBN 978-1-4244-3754-2, 2009 | 2009 |
| 11. | Victor-Valeriu PATRICIU , Iustin PRIESCU, Sebastian NICOLAESCU, Ion BICA , „DESIGN OF TRACEBACK METHODS FOR TRACKING DOS ATTACKS” , International Association of Computer Science and Information Technology - Spring Conference, 2009. IACSITSC '09., Singapore, IEEE Computer Society, pp. 117-121, ISBN 978-0-7695-3653-8, ISSN 1089-7789, 2009 | 2009 |
| 12. | M. Pura, Victor-Valeriu Patriciu , Ion Bica, „Simulation of an identity-based cryptography scheme for ad hoc networks” , Proceedings of International Conference on Security and Cryptography (SECRIPT 2009), ISBN 978-989-674-005-4, Milan, Italy, 2009 | 2009 |
| 13. | A. Furtună, Victor-Valeriu Patriciu , Ion Bica, „A Structured Approach for Implementing Cyber Security Exercises” , Proceedings of the 8th International Conference on Communications (COMM 2010), ISBN 978-1-4244-6363-3, Bucharest, Romania, 2010 | 2010 |

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| 14. | Pura, Mihai-Lica; Patriciu, Victor-Valeriu ; Bica, Ion, "Formal verification of secure ad hoc routing protocols using AVISPA: ARAN case study" Proceedings of the 4th European Computing Conference, ECC '10 , ISBN:9789604741786, 9604741780, Copyright 2011 Elsevier B.V.2010 | 2010 |
| 15. | Mihai PURA, Victor-Valeriu PATRICIU , „ SECURITY ANALYSIS OF ROBUST USER AUTHENTICATION PROTOCOL ”, COMM 2010 The 8-th International Conference on Communications, June 10-12, 2010, IEEE Comp. Soc., ISBN 978-0-7695-3612-5, Pages: 457-460, Bucharest, Romania | 2010 |
| 16. | Stefan-Vladimir GHIȚĂ, Victor-Valeriu PATRICIU and Ion BICA "A NEW DRM ARCHITECTURE BASED ON MOBILE CODE AND WHITE-BOX ENCRYPTION", COMM 2012 The 9-th International Conference on Communications, June 21-23, 2012, IEEE Comp. Soc., ISBN 978-0-7695-3612-5, pp. 44-47 - Bucharest, Romania | 2012 |
| 17. | Mihai SERB, Victor-Valeriu PATRICIU , Ion BICA "USING MTM'S TO SECURE ELECTRONIC SIGNATURES GENERATION", COMM 2012 The 9-th International Conference on Communications, June 21-23, 2012, IEEE Comp. Soc., ISBN 978-0-7695-3612-5, pp. 231-234 - Bucharest, Romania | 2012 |
| 18. | Victor-Valeriu Patriciu , Ion Bica, M. Togan, S. Ghita, „ A Generalized DRM Architectural Framework ”, Advances in Electrical and Computer Engineering, ISSN 1582-7445, 2011 | 2011 |
| 19. | Alecsandru Pătrașcu și Victor-Valeriu Patriciu , "Beyond Digital Forensics. A Cloud Computing Perspective Over Incident Response and Reporting", 8 th International Symposium on Applied Computational Intelligence and Informatics (SACI 2013), Timișoara, 2013, ISBN: 978-1-4673-6397-6 | 2013 |
| 20. | Alecsandru Pătrașcu, Ion Bica și Victor-Valeriu Patriciu , "Enhanced diff for high performance forensic enabled cloud infrastructures", 13th International Conference on Informatics in Economy, București, 2014, ISSN: 2247-1480 | 2014 |
| 21. | Alecsandru Pătrașcu și Victor-Valeriu Patriciu , "Logging framework for cloud computing forensic environments", 10th International Conference on Communications – COMM, București, 2014, ISBN 978-1-4799-2385-4 | 2014 |
| 22. | Alecsandru Pătrașcu și Victor-Valeriu Patriciu , "Implementation of a cloud computing framework for cloud forensics", 18th International Conference on System Theory, Control and Computing, Sinaia, 2014, ISBN 978-1-4799-4602-0 | 2014 |
| 23. | Enache Cristina, Patriciu, Victor , Intrusions Detection Based On Support Vector Machine Optimized with Swarm Intelligence , 2014 IEEE 9TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI) Timisoara 2014 | 2014 |
| 24. | Alecsandru Pătrașcu și Victor-Valeriu Patriciu , "Digital forensics in Cloud Computing", Advances in Electrical and Computer Engineering, Suceava, 2014, ISSN: 1582-7445 | 2014 |
| 25. | Marius-Alexandru Velciu, Alecsandru Pătrașcu și Victor-Valeriu Patriciu , "Bio-cryptographic authentication in cloud storage sharing", 8th International Symposium on Applied Computational Intelligence and Informatics, Timișoara (SACI 2014), 2014, ISBN: 978-1-4673-6397-6 | 2014 |
| 26. | Alecsandru Pătrașcu și Victor-Valeriu Patriciu , "Logging system for cloud computing forensic environments", Journal of Control Engineering and Applied Informatics, București, 2014, ISSN: 1454-8658 | 2014 |
| 27. | Adrian Pauna, Victor Valeriu Patriciu , CASSHH–Case Adaptive SSH Honeypot , Book:Recent Trends in Computer Networks and Distributed Systems Security, Second International Conference, SNDS 2014, Trivandrum, India, March 13-14, 2014, Springer | 2014 |
| 28. | Ionita Mihai-Gabriel si Victor-Valeriu Patriciu , "Biologically inspired risk assessment in cyber security using neural networks", 10TH INTERNATIONAL CONFERENCE ON COMMUNICATIONS, COMM 2014, București, Conference Proceedings – DOI: 10.1109/ICComm.2014.6866746 | 2014 |
| 29. | Victor-Valeriu PATRICIU , Stelian SPÎNU, Cezar PLEȘCA – Fingerprint Orientation Image Estimation in the Frequency Domain , The 9 th Annual International Joint Conferences on Computer, Information, Systems Sciences, & Engineering, CISSE 2013, K. Elleithy and T. Sobh (eds.), New Trends in Networking, Computing, E-learning, Systems Sciences, and Engineering , Lecture Notes in Electrical Engineering 312, Springer International Publishing Switzerland 2015 | 2014 |
| 30. | Nicolcioiu Andreea, Victor-Valeriu Patriciu , Mărgărit Laurențiu, Kovacs Andrei, "Comparative Study on AES Hardware Implementations", 13th International Conference on Telecommunications and Informatics (TELE-INFO '14), Istanbul, Turkey, December 2014, ISBN: 978-1-61804-262-0 | 2014 |
| 31. | Adriana Enache, Victor-Valeriu Patriciu , "Spam Host Classification using Swarm Intelligence", 10th International Conference on Communications – COMM, București, 2014, ISBN 978-1-4799-2385-4 | 2014 |
| 32. | Victor-Valeriu PATRICIU , Stelian SPÎNU – "Fingerprint Ridge Frequency Estimation in the Fourier Domain", Advances in Electrical and Computer Engineering , Advances in Electrical and Computer Engineering, Suceava, 2015, ISSN: 1582-7445 | 2014 |

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| 33. | Alecsandru Pătrașcu and Victor-Valeriu Patriciu , " Logging for cloud computing forensic systems ", <i>International Journal of Computers Communications and Control</i> , nr.2, 2015, indexed by ISI, ISSN: 1841-9844 | 2015 |
| 34. | Victor-Valeriu Patriciu , Radu Velea, Ion Bica, Using OpenCL to Improve String Matching for Network Intrusion Detection , <i>The 20th International Conference on Control Systems and Computer Science (CSCS20-2015)</i> , Bucharest, 2015 | 2015 |
| 35. | Alecsandru Patrascu și Victor Valeriu Patriciu , " Cyber protection of Critical Infrastructures Using Supervised Learning ", <i>The 20th International Conference on Control Systems and Computer Science (CSCS20-2015)</i> , Bucharest, 2015 | 2015 |
| 36. | Alecsandru Pătrașcu și Victor-Valeriu Patriciu , " Cloud Computing Digital Forensics Framework for Automated Anomalies Detection. ", <i>9th International Symposium on Applied Computational Intelligence and Informatics (SACI 2015)</i> , Timișoara, 2015 | 2015 |
| 37. | Marius-Alexandru Velciu, Victor-Valeriu Patriciu , " An evaluation of the Reed-Solomon error-correcting codes usage for bio-cryptographic algorithm ", <i>9th International Symposium on Applied Computational Intelligence and Informatics (SACI 2015)</i> , Timișoara, 2015 | 2015 |
| 38. | Constantin Grumazescu, Mihai Lica Pura, Victor Valeriu Patriciu , " Hybrid Distributed-Hierarchical Identity Based Cryptographic Scheme for Wireless Sensor Networks ", <i>3rd World Conference on Information Systems and Technologies (WorldCIST 2015)</i> , articole publicate in Springer Verlag | 2015 |
| 39. | Alecsandru Patrascu and Victor-Valeriu Patriciu , " Software Defined Datacenter Architecture for Future Cloud Computing Applications ", <i>12th International Conference on Economics of Grids, Clouds, Systems and Services</i> , Cluj-Napoca, 2015 | 2015 |
| 40. | Alecsandru Patrascu and Victor-Valeriu Patriciu , " Deduplicated Distributed File System Using Lightweight Cryptography ", <i>11th International Conference on Intelligent Computer Communication and Processing</i> , Cluj-Napoca, 2015 | 2015 |
| 41. | Alecsandru Patrascu, Ion Bica and Victor-Valeriu Patriciu , " Hierarchical Distributed Hash Tables for Video Recognition in Content Delivery Networks ", <i>14th International Conference on Informatics in Economy</i> , Bucharest, 2015, ISSN: 2247-1480 | 2015 |
| 42. | Alecsandru Patrascu, Ion Bica and Victor-Valeriu Patriciu , " Spam Filtering using Automated Classifying Services Over a Cloud Computing Infrastructure ", <i>8th International Conference on Security for Information Technology and Communications</i> , Bucharest, post-proceedings volume, series Lecture Notes in Computer Science (LNCS 9522), Springer Verlag, 2015 | 2015 |

D. Papers in BDI conferences

| | Title | Year |
|-----|--|------|
| 1. | Victor-Valeriu PATRICIU, Marin BICA, „IMPLEMENTATION ISSUES OF PKI TECHNOLOGY”, International Carpathian Control Conference ICCC’ 2002 MALENOVICE, CZECH REPUBLIC May 27-30, 2002, (indexed by SCOPUS, Google Scholar) | 2002 |
| 2. | Victor PATRICIU, Aurel SERB, „DEPLOYING A CERTIFICATION AUTHORITY FOR NETWORKS SECURITY”, Proceedings of the 2nd International Conference on Security and Privacy, ISBN 966-930-373-275-6, Brno, Czech Republic, 2003, (indexed by Google Scholar) | 2003 |
| 3. | Victor-Valeriu PATRICIU, Iustin PRIESCU, Sebastian NICOLAESCU, “SECURITY METRICS FOR ENTERPRISE INFORMATION SYSTEMS”, Journal of Applied Quantitative Methods, vol.3, nr.1, 2006, ISSN 1842-4562, (10 pag.), cod CNCNIS 700, Indexed in CSBC- Collection of Computer Science | 2006 |
| 4. | Victor Valeriu PATRICIU, Neculai Daniel STOLERU, „Aplicatii ale criptografiei vizuale”, CITI, Informatica Teoretica si Tehnologii Informatice, Constanta 2000, Index COPERNICUS | 2000 |
| 5. | Neculai Daniel STOLERU, Victor Valeriu PATRICIU „THE COLORED PASSWORD – APPLICATIONS OF VISUAL IDENTIFICATION METHODS FOR FINANCIAL APPLICATIONS”, SCIENTIFIC BULLETIN of “Politehnica” University of Timisoara, ROMANIA, Transactions on AUTOMATIC CONTROL and COMPUTER SCIENCE, , vol. 53(67) No. 2 / 2008, ISSN 1224-600X, , cod CNCNIS 266, CNCNIS B+, Index COPERNICUS | 2007 |
| 6. | Patriciu Victor-Valeriu, Priescu Iustin, Sebastian Nicolăescu „SECURITY MONITORING OF COMPANY NETWORKS”, Military Technical Academy Review, ISSN 1843-3391, 2008, Cod CNCNIS 842, CNCNIS B+, Index COPERNICUS | 2008 |
| 7. | Mihai Pura, Victor-Valeriu Patriciu, Ion Bica „ MODELING AND FORMAL VERIFICATION OF IMPLICIT ON-DEMAND SECURE AD HOC ROUTING PROTOCOLS IN HLPSL AND AVISPA”, INTERNATIONAL JOURNAL of COMPUTERS AND COMMUNICATIONS, 2010, pag.311-317, | 2009 |
| 8. | Victor-Valeriu PATRICIU, Adina RIPOSAN „WORKFLOW MANAGEMENT FOR PARAMEDICAL EMERGENCY OPERATIONSX WITHIN A MOBILE-STATIC DISTRIBUTED ENVIRONMENT”, ACM/IEEE Supercomputing Conference SC09, Portland, OR, WORKS09-The 4th Workshop on Workflows in Support of Large-Scale Science (WORKS), November 16, 2009, (indexed ISI Web of Knowledge, ACM Digital Library, DBLP, CSBC- Collection of Computer Science Bibliographies, SCOPUS). | 2009 |
| 9. | Bogdan GROZA, Dragos POP, Victor-Valeriu PATRICIU, “TOWARDS DEVELOPING SECURE VIDEO SURVEILLANCE SYSTEMS OVER IP”, ICIMP'09, Fourth International Conference on Internet Monitoring and Protection, May 24-28, 2009, IEEE Comp. Soc., ISBN 978-0-7695-3612-5, pp. 27-33 - Venice/Mestre, Italy, indexed IEEE Computer Society Digital Library, ACM Digital Library, SCOPUS | 2009 |
| 10. | Victor-Valeriu PATRICIU, Iustin PRIESCU, Sebastian NICOLAESCU “Security Metrics for Enterprise Information Systems,” in „MEASURING CYBER SECURITY AND INFORMATION ASSURANCE, STATE-OF-THE-ART REPORT (SOAR)” for US Department of Defense (DoD), May 8, 2009, Information Assurance Technology Analysis Center (IATAC), pg.10-16, indexed USA Department of Defense. | 2009 |
| 11. | M. Pura, Victor-Valeriu Patriciu, Ion Bica, „On modeling and formally verifying secure explicit on-demand ad hoc routing protocols”, Proceedings of the 4th EUROPEAN COMPUTING CONFERENCE (ECC'10), ISBN 978-960-474-178-6, Bucharest, Romania, 2010 (indexed by ISI, INSPEC) | 2010 |
| 12. | M. Pura, Victor-Valeriu Patriciu, Ion Bica, „Formal verification of G-PAKE using Casper/FDR2: Securing a group PAKE protocol using Casper/FDR2”, Proceedings of International Conference on Security and Cryptography (SECRYPT 2010), ISBN 978-989-8425-18-8, Athens, Greece, 2010 (indexed by ISI, INSPEC, DBLP) | 2010 |
| 13. | M. Pura, Ion Bica, Victor-Valeriu Patriciu, „On Modeling and Formally Verifying Secure Explicit On-Demand Ad Hoc Routing Protocols”, Proceedings of 2010 2nd International Conference on Software Technology and Engineering (ICSTE 2010), 978-1-4244-8665-6, Puerto Rico, USA, 2010 (indexed by ISI, INDEXED BY IEEEEXPLORExplore). | 2010 |

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| 14. | Mihai SERB, Victor-Valeriu PATRICIU , Mihai TOGAN, „ A CERTIFICATE - BASED SIGNATURE SCHEME FOR SECURE MOBILE COMMUNICATIONS ”, COMM 2010 The 8-th International Conference on Communications, June 10-12, 2010, IEEE Comp. Soc., ISBN 978-0-7695-3612-5, - Bucharest, Romania, Indexed by IEEEXplore . | 2010 |
| 15. | Cristina-Elena Vintilă, Victor-Valeriu PATRICIU , Ion Bica, „ HANDOVER FROM 3G TO 4G NETWORK: SECURITY ANALYSIS ”, Proceedings of THE 18th INTERNATIONAL CONFERENCE ON CONTROL SYSTEMS AND COMPUTER SCIENCE (CSCS18-2011), Bucharest, Romania, May 24-27, 2011 (indexed by IEEEXplore). | 2011 |
| 16. | Adrian Furtuna, Victor-Valeriu PATRICIU , Ion Bica „ CASE STUDY ON BYPASSING WINDOWS SECURITY MECHANISMS WHEN EXPLOITING SOFTWARE VULNERABILITIES ”, Proceedings of THE 18th INTERNATIONAL CONFERENCE ON CONTROL SYSTEMS AND COMPUTER SCIENCE (CSCS18-2011), Bucharest, Romania, May 24-27, 2011 (indexed IEEEXplore). | 2011 |
| 17. | Victor-Valeriu PATRICIU , Mihai SERB, „ SECURE ACCESS TO MOBILE SERVICES USING SMS MESSAGES ”, ICMT'11- INTERNATIONAL CONFERENCE ON MILITARY TECHNOLOGIES 2011, Faculty of Military Technology, University of Defence in Brno, May 10-11, 2011, (indexed IEEEXplore). | 2011 |
| 18. | Mihai TOGAN, Victor-Valeriu PATRICIU , Ion BICA, Adrian FLOAREA „ PKI INTEROPERABILITY USING PROXY-OCSP SERVICES ”, ICMT'11- INTERNATIONAL CONFERENCE ON MILITARY TECHNOLOGIES 2011, Faculty of Military Technology, University of Defence in Brno, May 10-11, 2011, (indexed IEEEXplore) | 2011 |
| 19. | Cristina-Elena Vintilă, Victor-Valeriu Patriciu , Ion Bica „ SECURITY ANALYSIS OF LTE ACCESS NETWORK ”, Proceedings of The Tenth International Conference on Networks, (ICN 2011), St. Maarten, The Netherlands Antilles, January 23-28, 2011, ISBN: 978-1-61208-002-4, (Indexed by SCOPUS, DBLP, IET INSPEC). | 2011 |
| 20. | Cristina-Elena Vintilă, Victor-Valeriu Patriciu , Ion Bica „ A J-PAKE BASED SOLUTION FOR SECURE AUTHENTICATION IN A 4G NETWORK ”, Proceedings of The 5th EUROPEAN COMPUTING CONFERENCE (ECC '11), Paris, France, April 28-30, 2011 (indexed by SCOPUS, IEEEXplore). | 2011 |
| 21. | Cristina-Elena Vintila, Victor-Valeriu PATRICIU , Ion Bica „ AN ANALYSIS OF SECURE INTEROPERATION OF EPC AND MOBILE EQUIPMENTS ”, Proceedings at IARIA ICDT 2011, ISBN: 978-1-61208-005-5, (indexed by IEEEXplore). | 2011 |
| 22. | Mihai SERB, Victor-Valeriu PATRICIU , Ion BICA: „ USING MTMS TO SECURE ELECTRONIC SIGNATURES GENERATION ”, COMM 2012 The 9-th International Conference on Communications, June 21-23, 2012, IEEE Comp. Soc., ISBN 978-0-7695-3612-5, pp. 231-234 - Bucharest, Romania, (indexed IEEEXplore database) | 2012 |
| 23. | Adrian Pauna, Victor Valeriu Patriciu , Self-adaptive SSH Honeypot Model Capable of Reasoning , The Second International Conference on Informatics Engineering & Information Science (ICIEIS2013), held in Kuala Lumpur, Malaysia, on Nov. 12-14, 2013., ProQuest, Google Scholar, ResearchGate | 2013 |
| 24. | Alecsandru Pătrașcu și Victor-Valeriu Patriciu , „ Incident response and reporting in the context of cloud computing forensics ”, Scientific Bulletin of the “Politehnica” University of Timișoara, Transactions on Automatic Control and Computer Science, Timișoara, Vol 58 (72) No 2, Iunie 2013, ISSN: 1224-600X, CNCSIS B+ journal | 2013 |
| 25. | Marius-Alexandru Velciu, Alecsandru Pătrașcu și Victor-Valeriu Patriciu , „ Cryptographic applications of biometric methods in Cloud storage sharing ”, Scientific Bulletin of the “Politehnica” University of Timișoara, Transactions on Automatic Control and Computer Science, Timișoara, 2014, ISSN: 1224-600X, CNCSIS B+ journal | 2014 |
| 26. | Alecsandru Pătrașcu, Ion Bica and Victor-Valeriu Patriciu , „ Digital Forensics in Cloud Computing Applied to New or Existing Datacenter Architectures ”, MTA Review journal, București, 2014, ISSN: 1843-3391, CNCSIS B+ journal | 2014 |
| 27. | Marius-Alexandru Velciu and Victor-Valeriu Patriciu , „ Methods of reducing bio-cryptographic algorithms computational complexity ”, 15 th International Symposium on Computational Intelligence and Informatics (CINTI 2014), held on November 19-21, 2014 in Budapest, Hungary, indexed by IEEEXplore | 2014 |

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| 28. | Mihai Ionita and Victor-Valeriu Patriciu , " Achieving DDoS Resiliency in a Software Defined Network by Intelligent Risk Assessment Based on Neural Networks and Danger Theory ", 15th INDEXED BY IEEEExplore International Symposium on Computational Intelligence and Informatics (CINTI 2014), November 19-21, 2014 in Budapest, Hungary, indexed by IEEEExplore | 2014 |
| 29. | Ionita Mihai-Gabriel si Victor-Valeriu Patriciu , " Autoimmune Cyber Retaliation Supported by Visual Analytics ", Journal of Mobile, Embedded and Distributed Systems vol 7, 2014, ISSN: 2067-4074, indexed Google Scholar | 2014 |
| 30. | Adriana-Cristina Enache, Victor-Valeriu Patriciu , " Comparative Study on Intrusion Detection Systems using Support Vector Machines Improved with Swarm Intelligence ", Scientific Bulletin of the "Politehnica" University of Timișoara, Transactions on Automatic Control and Computer Science, Timișoara, 2014, ISSN: 1224-600X, CNCSIS B+ journal | 2014 |
| 31. | Marius-Alexandru Velciu, Alecsandru Pătrașcu and Victor-Valeriu Patriciu , " An evaluation of the Reed-Solomon error-correcting codes usage for bio-cryptographic algorithms ", IEEE 10th Jubilee International Symposium on Applied Computational Intelligence and Informatics (SACI 2015) Timisoara, May 2015, Romania. Indexed by IEEEExplore, dblp | 2015 |
| 32. | Alecsandru Pătrașcu, Marius-Alexandru Velciu and Victor-Valeriu Patriciu , " Cloud Computing Digital Forensics Framework for Automated Anomalies Detection ", IEEE 10th Jubilee International Symposium on Applied Computational Intelligence and Informatics (SACI 2015) Timisoara, May 2015, Romania. Indexed by IEEEExplore, dblp | 2015 |
| 33. | Ionita Mihai-Gabriel si Victor-Valeriu Patriciu , " A Practical Implementation of Cyber Incident Response Aided by Neural Networks and Visual Analytics ", IEEE 10th Jubilee International Symposium on Applied Computational Intelligence and Informatics (SACI 2015) Timisoara, May 2015, Romania. Indexed by IEEEExplore, dblp | 2015 |
| 34. | Alecsandru Patrascu and Victor-Valeriu Patriciu, " Cyber Protection of Critical Infrastructures Using Supervised Learning ", 20th International Conference on Control Systems and Computer Science, Bucharest, 2015, ISBN 978-1-4799-4602-0 | 2015 |

E. Research grants

| | Title |
|---|--|
| 1 | SCIEX Grant, Universitatea Geneva si Academia Tehnica Militara, „SARPOT-Secure Ad-hoc Routing Protocol Based of a Web-of-trust like Trust Management System”, 2013- 2014, responsabil universitate partenera |

Director/Responsible

| | Title |
|----|---|
| 1 | Grant CNCSIS A/467/1999, "STUDIUL PRIVIND FOLOSIREA SEMNATURILOR DIGITALE SI A CARDURILOR INTELIGENTE PENTRU AUTENTIFICAREA DOCUMENTELOR ELECTRONICE" Finantare: 60.925 RON, Director |
| 2 | Grant CNCSIS A/62/2000, "SISTEME PENTRU SEMNAREA DIGITALA SI PROTECTIA CRIPTOGRAFICA A DOCUMENTELOR ELECTRONICE IN INTERNET " Finantare: 74.721RON, Director |
| 3 | Grant CNCSIS A/02/2001, "SISTEME PENTRU GESTIUNEA INFRASTRUCTURILOR CU CHEI PUBLICE SI A CERTIFICATELOR DIGITALE IN INTERNET"Finantare: 42.612 RON, Director |
| 4 | PROIECTUL finantat de M.C.T, Program Apararea 2000, Tehnica militara si echipamente noi, 1999: "SECURITATEA POSTEI ELECTRONICE SI PROTECTIA INFORMATIEI IN REELE MILITARE, FOLOSIND CARDURI INTELIGENTE", Director |
| 5 | PROIECTUL cu finantarea MCTI, 2001: "ANALIZA PENTRU ACHIZITIONAREA/ELABORAREA SOFTWARE-ULUI DEDICAT CENTRELOR DE CERTIFICARE A AGENTILOR PE INTERNET", Coordonator Universitatea Bucuresti, responsabil ATM |
| 6 | PROIECTUL Orizont 2000 cu finantarea MEC, 2000: "METODE SI TEHNICI CRIPTOGRAFICE DE AUTENTIFICARE PRIN SEMNATURA DIGITALA IN PROCESELE DE AFACERI SI COMERTUL ELECTRONIC. NIVELUL DE REGLEMENTARE INTERNATIONALA SI NATIONALA. VALOAREA PROBANTA A DOCUMENTELOR ELECTRONICE SEMNATE DIGITAL", Coordonator Academia de Studii Economice Bucuresti, responsabil ATM |
| 7 | PROIECTUL Orizont 2000 cu finantarea MEC, 2001: "INFRASTRUCTURI CU CHEI PUBLICE PENTRU ASIGURAREA SECURITATII TRANZACTIILOR COMERCIALE CATRE FOLOSESC TEHNOLOGIA WEB", Coordonator Academia de Studii Economice Bucuresti, responsabil ATM |
| 8 | PROIECTUL Orizont 2000 cu finantarea MEC, 2002: " TEHNOLOGII, PROTOCOALE SI INSTRUMENTE PENTRU ASIGURAREA SECURITATII PROCESELOR DE AFACERI IN INTERNET/INTRANET/EXTRANET. SERVELE DE CERTIFICATE DIGITALE PENTRU SECURIZAREA COMUNICATIILOR PRIN E-MAIL IN INTERNET/INTRANET/EXTRANET", Coordonator Academia de Studii Economice Bucuresti, responsabil ATM |
| 8 | Grantul PNCD, „SISTEME CRIPTOGRAFICE BAZATE PE TEHNOLOGII NOI - SCTN”, Programului National de Cercetare - Dezvoltare SECURITATE , partener UTI Systems si ACTTM, 2005-2006, contract A7456/2005 (Valoare 286.000 RON), Director |
| 9 | Grantul PNCD, „MODEL DE LAN SECURIZAT PE BAZA UNEI INFRASTRUCTURI CU CHEI PUBLICE INTEROPERABILĂ CU INFRASTRUCTURA SISTEMULUI NAȚIONAL DE APĂRARE-LANSEC”, Programului National de Cercetare - Dezvoltare SECURITATE , partener UTI Systems, 2005-2006, contract A7121/2005 (Valoare 30.540 RON), Director |
| 10 | Grantul PNC, „METODE DE ASIGURARE A SECURITATII INFORMATICE IN INFRASTRUCTURI DE TIP GRID BAZATE PE CERTIFICATE DIGITALE SI TEHNOLOGII PKI – GRIDSEC”, Programului National de Cercetare - Dezvoltare SECURITATE , parteneri Institute of Space Sciences (ISS) si Transsped, 2005-2006, (Valoare 32.000 RON), responsabil ATM |
| 11 | Contract cercetare finantat de STS (Serviciul de Telecomunicatii Speciale), 2002-2003: "STUDIUL PRIVIND REALIZAREA UNEI AUTORITATI DE CERTIFICARE DE TRANZIT UTILIZAND TEHNOLOGIA PKI " |

International Grants- Team member

| | Title |
|---|---|
| 1 | Research Grant finaced by Netherlands Ministry of Defence , „Development of guidelines for the design and implementation of ADL architectures”, 2003-2006 (40.800 Euro) |
| 2 | Research Grant financed by NATO RTO, STO-MP-IST-122 - „ Cyber Security Science and Engineering ”, 2013-2015 |
| 3 | Proiectul Bancii Mondiale 2005-2007, „ FEASIBILITY AND SYSTEM DESIGN STUDY FOR THE DEVELOPMENT OF EMERGENCY MANAGEMENT INFORMATION SYSTEM ”, Proiect gestionat de Ministerul Administratiei si Internelor, expert consultant din partea firmei CCT- Cabinetul de consultanta Calin TATOMIR |

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| 4 | Proiectul PHARE nr. 018-147.03.04, componenta 02.4.1 – Sistemul Național IT de Semnalări compatibil cu SIS II, „RO-FSCH - 4 – EXTINDEREA INFRASTRUCTURII DE CHEI PUBLICE (PKI) LA NIVELUL SISTEMELOR INFORMATICE SECTORIALE DIN CADRUL Ministerul Administratiei si Internelor”, 2008-2011, (Valoare 600.000 Euro), expert consultant in securitate informatica din partea firmei CCT- Cabinetul de consultanta Calin TATOMIR |
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National grants- Team member

| | Title |
|----|---|
| 1 | Grant PNCDI 2, 2007-2009, „MECANISME AVANSATE DE SECURITATE INTEGRATE ÎN HARDWARE (MASH)”, Contract ACCTM-UTI-ATM, 81-038/2007 (Valoare 40.000 Euro) |
| 2 | Grant PNCDI 2, 2008-2009, Programul 5 - Inovare, Competiția 2008, „SERVICIU DE POȘTĂ ELECTRONICĂ NEREPUDIABILĂ CU VALOARE LEGALĂ”, Contract ACCTM-UTI-ATM, 139/2008 (Valoare 55.000 RON) |
| 3 | Contractul de cercetare finanțat prin PNCDI II, Programul 4 - Parteneriate in domeniile prioritare, Competiția 2007, „Sistem integrat de tip geospațial pentru localizarea și protecția siturilor arheologice. Dezvoltare zona pilot: județul Tulcea (PATRIMON)”, 2007-2010 |
| 4 | Grantul CALIST “DEZVOLTAREA DE STANDARDE PENTRU APLICAREA LEGII PRIVIND SEMNATURA ELECTRONICA IN ROMANIA” (Membru echipa si Presedinte al Comitetul Tehnic nr. 208 al ASRO-“Tehnici de securizare in Tehnologia Informatiei”), 2002-2005 |
| 5 | Proiect cofinanțat din Fondul Social European prin Programul Operațional Sectorial pentru Dezvoltarea Resurselor Umane 2007 – 2013, Axa prioritară 1 „Educația și formarea profesională în sprijinul creșterii economice și dezvoltării societății bazate pe cunoaștere”, Domeniul major de intervenție 1.5 „Programe doctorale și post-doctorale în sprijinul cercetării” Titlul proiectului „Studii doctorale și postdoctorale Orizont 2020: promovarea interesului național prin excelență, competitivitate și responsabilitate în cercetarea științifică fundamentală și aplicată românească”, Contract POSDRU/159/1.5/S/140106 |
| 6 | Contractul de cercetare finanțat prin PNCDI II, Programul 4 - Parteneriate in domeniile prioritare, Competiția 2007, „Sistem complex de analiza si optimizare a traficului in rețelele de comunicatii cu diversitate tehnologica si convergenta a serviciilor”, 2007-2010 |
| 7 | Contractul de cercetare finanțat prin competiția “PARTENERIATE” 2011, PN-II-PT-PCCA-2011-3.2-0212- “Advanced models for the design and evaluation of modern cryptographic systems (ADECS)”, Contract A6406, 2012-2015 |
| 8 | Planul sectorial de cercetare al M.Ap.N, 2007, „IMPLEMENTAREA UNEI ARHIVE OPEN ACCES (OA) ÎN ACADEMIA TEHNICĂ MILITARĂ” |
| 10 | Planul sectorial de cercetare al M.Ap.N, 2007, „ALGORITMI DE CRIPTARE PENTRU DOMENIUL MILITAR – MODELE MATEMATICE” |
| 11 | Planul sectorial de cercetare al M.Ap.N, 2007, „STUDIUL PRIVIND CRIPTANALIZA ALGORITMILOR PUBLICI” |
| 12 | Planul sectorial de cercetare al M.Ap.N, 2008, „CRIPANALIZA SISTEMULUI DES” |
| 13 | Planul sectorial de cercetare al M.Ap.N, 2008, „ALGORITMI DE DETERMINARE A POLINOAMELOR IREDUCTIBILE DE GRAD MAI MARE DECAT 256” |
| 14 | Planul sectorial de cercetare al M.Ap.N, 2009, „SISTEME DE CRIPTARE CU CHEIE PUBLICA. CRIPTAREA FOLOSIND CURBE ELIPTICE” |

F. Distinctions

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| 1 | <i>Computing Review & ACM- Association for Computing Machinery, Certificate of Achievement for writing the Best Reviews of 2012, “outstanding example of what we seek from our contributors”</i> |
| 2 | <i>Premiul Grigore C. Moisil pe anul 2014, Asociația Inforec (Promovarea Invatamantului de Informatica Economica), “recunoaste meritele domnului Victor-Valeriu PATRICIU in dezvoltarea invatamantului informatic Romania”</i> |
| 2 | <i>Emblema de onoare a Comunicatiilor si Informaticii, Ministerul Apararii Nationale, Statul Major General, “in semn de apreciere pentru rezultatele remarcabile obtinute in procesul de instructie si contributi deosebite aduse la indeplinirea misiunilor structurilor de comunicatii si informatica” 2013</i> |
| 3 | <i>Medalia Națională “Serviciul Credincios” in grad de Cavaler, acordata de Presedintele Romaniei, 2001</i> |