



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) Eugen PETAC

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Web <http://www.cdsd.ro>; <http://www.univ-ovidius.ro>

Nationality Romanian

Date of birth 26.01.1961

Gender Male

Work experience

Dates Since 1999

Occupation or position held Associate Professor, Department of Mathematics and Computer Science, Faculty of Mathematics and Computer Science, "OVIDIUS" University of Constanta, Romania, Disciplines: Computer Networks, Information Systems Security, Advanced Communication Systems (graduate), Networks and Distributed Systems (graduate), Computer Programming, Telematics.

Dates Since 2000

Occupation or position held Associate Professor / Senior Lecturer, Department of Physics and Electronics / Department of Civil Engineering/Department of Industrial Management and Road Vehicles, "Ovidius" University of Constanta, Romania, Disciplines: *Theory of Information Transmission, Coding and Transmission of Information, Decision and Estimation for Information Processing, Applied Informatics, Computer Programming, Coding Theory, Transmission and Information Security (graduate); Data Communications, Telecommunications Software Engineering, Software Engineering for Industrial Processes, Wireless Systems, CAD Techniques for Electronics, Electronic Circuit Design and Simulation (SPICE Applications), Microprocessor Systems Architecture, Electrical and electronic equipment for autovehicles, Data Acquisition Systems, Fundamentals of Automated Systems.*

Dates October 2005 – July 2008

Occupation or position held Associate Professor, „Dimitrie Cantemir” Christian University from Bucharest, Faculty of Tourism and Commercial Management Constanta, Disciplines: *Basic Informatics; Economic Informatics.*

Dates 1999

Occupation or position held By the Order No. 5088 from 1.07.1999 of the Ministry of National Education of the Romania awarded the Associate Professor title. The title was awarded following competition held at "OVIDIUS" University of Constanta, Mathematics and Computer Science Faculty, Department of Numerical Methods and Computer Science, Disciplines: *Computer Networks and Computer Programming* (result of the competition was confirmed by the National Council Titles, Diplomas and Certificates, in the meeting of June 23, 1999)

Dates 1995 – 1999

Occupation or position held Lecturer, Department Mathematics and Computer Science, Faculty of Mathematics and Computer Science, "OVIDIUS" University of Constanta, Romania (result of the competition from "OVIDIUS" University of Constanta since 1995).

Dates 1995 – 1998

Occupation or position held Lecturer, Naval Academy "Mircea cel Bătrân", Constanta, Romania (result of the competition from Naval Academy "Mircea cel Bătrân" Constanta since 1995).

Dates	1991 – 1995
Occupation or position held	Assistant Professor, Naval Academy "Mircea cel Bătrân", Constanta, Romania (result of the competition from Naval Academy "Mircea cel Bătrân" Constanta since 1991).
Dates	1988 – 1991
Occupation or position held	Scientific Research Assistant, Naval Forces Scientific Research Center, Constanta, Romania.
Dates	1985 – 1988
Occupation or position held	Engineer, Petromar Company, Constanta, Romania.

Education and training

Dates	Graduation Exam: 2.09.2018
Title of qualification awarded	Professional Certificate Graduation - Entrepreneurial Skills, Refresher course, Association for Inclusive Promotion "INTEGRATED", Bucharest, Romania
Dates	Graduation Exam: 12.11.2014
Title of qualification awarded	Professional Certificate Graduation - Project Manager, COR Code 242101, Refresher course, S.C. Structural Euro Fond & Training S.R.L., Bucharest, Romania
Dates	Graduation Exam: 05.12.2014
Title of qualification awarded	Professional Certificate Graduation – Assessor for Training and Programs Providers, COR Code 242408, Refresher course, S.C. Diversity Training S.R.L., Bucharest, Romania
Dates	Graduation Exam: 12.09.2014
Title of qualification awarded	Professional Certificate Graduation - Quality Auditor, COR Code 214130, Training course, Youth Association for Excellence, Eforie Sud, Constanta, Romania
Dates	2013
Title of qualification awarded	Graduation Diploma - Project Manager, Continuing education course, S.C.Vanguard Strategy S.R.L., Bucharest, Romania
Dates	2013
Title of qualification awarded	Graduation Diploma - Leadership, Continuing education course, S.C.Vanguard Strategy S.R.L., Bucharest, Romania
Dates	2013
Title of qualification awarded	Graduation Diploma - Public Relations Strategies, Continuing education course, S.C.Vanguard Strategy S.R.L., Bucharest, Romania
Dates	Graduation Exam: 17.04.2008
Title of qualification awarded	Professional Certificate Graduation – Trainer, COR Code 241205, Refresher course , Institute for Human Resource Development, Bucharest, Romania
Dates	1998-1999
Title of qualification awarded	Professional Certificate Graduation – Graduate of Teacher Training Department, "Ovidius" University of Constanta, Romania
Dates	1992 - 1998
Title of qualification awarded	Ph.D. , "Gheorghe Asachi" Technical University of Iasi, Romania. PhD Supervisor: Professor <i>Valeriu Munteanu</i> , Ph.D.
Dates	1980- 1985
Title of qualification awarded	B.Sc., M.Sc., <i>Communications</i> Specialization, Faculty of Electronics, Telecommunications and Information Technology, "Gheorghe Asachi" Technical University of Iasi, Romania.
Dates	October 1979 – June 1980
Title of qualification awarded	Reduced military service term
Dates	1975-1979
Title of qualification awarded	Baccalaureate Degree, National College „Mircea cel Batran”, Constanta, Romania.

Management positions

Dates	Since 2001
	President of Foundation for promoting Information and Communication Technology, (ICT Foundation), Constanta, Romania, http://www.fict.ro

Dates 01.01.1999 – 01.11.2001
 Chief Administrator Faculty, Faculty of Mathematics and Computer Science, "OVIDIUS" University of Constanta, Romania

Dates 01.10.2002 – 31.08.2003
 Head of Department, Department of Computer Science and Numerical Methods, Faculty of Mathematics and Computer Science, "OVIDIUS" University of Constanta, Romania

Personal skills and competences

Mother tongue Romanian

Other language(s)

Self-assessment

European level (*)

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production		Written expression	
C2	Proficient user	C2	Proficient user	C1	Independent user	C1	Independent user	C2	Independent user
B2	Basic user	B2	Independent user	B1	Basic user	B1	Basic user	B2	Independent user

(*)Common European Framework of Reference for Languages

Social skills and competences Team spirit, increased adaptability, social, reliable, all acquired as a result of participating in activities of practical and research projects conducted since I have studied at University, continued, in various forms, in teaching and scientific research.

Organisational skills and competences Good experience related with project management and team work autonomy, capacity of synthesis, have experience in logistics, following training and activities in the training projects.

Areas of scientific interest /research
 Information Security and Coding Theory Applications
 Modern Communication Systems and Technologies
 Information Society and Knowledge Society
 Intelligent Systems
 Modern Software Methods and Technologies
 Computer Aided Design

Technical skills and competences Ability to work with various computer software packages and operating systems and with modern equipment from the range of computer networks and communication systems. Hardware and software design skills, implementation, commissioning, testing and maintenance of electronic equipment specific to modern communication systems.

Computer skills and competences Good command of the following software packages and operating systems: Windows / Linux, MS Office / LibreOffice / OfficeOrg. I work with languages /development environments: Pascal, Fortran, Python, C, C + +, C #, Java, Visual Studio, Matlab, Maple, and with specialised software for teaching and scientific research.

Artistic skills and competences Passionate about literature and music.

Other skills and competences Hobby: Mountain Travels and Playing Tennis.

Driving licence B Category

Additional information References can be supplied based on request.

Annexes

1. Courses taught at "Ovidius" University of Constanta, Romania (1995 - present)
2. List of publications (extract)
3. Participation in Grants
4. Various - awards, diplomas, medals, membership

1. Courses taught at "Ovidius" University, Constanta, Romania (since 1995)

Disciplines: *Computer Networks (in Romanian and in English); Information Systems Security; Advanced Communication Systems (graduate); Communication Systems and Technologies (graduate); Networks and Distributed Systems (graduate); Computer Programming; Telematics (in Romanian and in English); Computers and Management (in English); Theory of Information Transmission; Coding and Transmission of Information; Decision and Estimation for Information Processing; Applied Informatics; Coding Theory and Cryptography (graduate); Coding Theory, Transmission and Information Security (graduate); Data Communications; Telecommunications Software Engineering; Software Engineering for Industrial Processes; Wireless Systems; CAD Techniques for Electronics; Electronic Circuit Design and Simulation (SPICE Applications); Microprocessor Systems Architecture; Data Acquisition Systems; Electrical and electronic equipment for autovehicles, Programming languages and techniques; Information Systems; Use of computers; Informatics; Fundamentals of Automated Systems.*

2. List of publications (extract)

2.1 °. Ph.D. Degree Thesis

Thesis Title: Contributions concerning information security in communication systems

Ph.D. Supervisor: Professor Valeriu Munteanu, Ph.D., "Gheorghe Asachi" Technical University of Iasi, Romania.

Commission (alphabetical order):

President: Professor Dumitru Alexa, Ph.D., Dean, "Gheorghe Asachi" Technical University of Iasi, Romania.

Members: Professor Ion Bogdan, Ph.D., "Gheorghe Asachi" Technical University of Iasi, Romania.

Professor Traian-Adrian Murgan, Ph.D., University Politehnica of Bucharest, Romania

Professor Dan-Alexandru Stoichescu, Ph.D., University Politehnica of Bucharest, Romania.

2.2 °. Books published (in Romanian)

E.Petac – *Networks and Distributed Systems*, chapter 4, pp.103-206, In Multimodal Distributed Virtual Environments, vol.IV, authors D.M.Popovici (coord), C.Popa, A. Nicola, E. Petac, Ed. Universitaria Craiova, Romania, 2015 - Code CNCSIS 130/ Ed. Pro Universitaria Bucharest, Romania, 2015 - Code CNCSIS 102, 215 pp., ISBN 978-606-14-0917-4; ISBN 978-606-26-0281-9.

E. Petac, B. Muşat – *Computer Networks. Experimental Studies*, Ed. Crizon, Constanta, Romania, 2012, 511 pp., ISBN 978-606-8476-02-5

E. Petac, C. Serban – *Applied Informatics. Java Practical Guide*, Ed. Crizon, Constanta, Romania, 2012, 369 pp., ISBN 978-606-8476-00-1

E. Petac, C. Serban – *Applied Informatics. Lava Programming* – Ed. MatrixRom - Code CNCSIS 39, Bucharest, Romania, 2011, 364 pp., ISBN 978- 973-755-754-4.

E. Petac, T. Udrescu – *Java Fundamentals* – Ed. MatrixRom - Code CNCSIS 39, Bucharest, Romania, 2005, 500 pp., ISBN 973-685-944-4.

E. Petac, C. Florescu, B. Muşat – *Computer Networks. Practice Tests* – Ed. ExPonto - Code CNCSIS 193, Constanta, Romania, 2004, 350 pp., ISBN 973-644-302-7.

E. Petac, T. Udrescu – *Computer Programming. Java Applications* – Ed. MatrixRom - Code CNCSIS 39, Bucharest, Romania, 2003, 360 pp., ISBN 973-685-664-X.

E. Petac, C. Florescu – *Computer Networks. Practice Tests* – ICT Foundation, Constanta, Romania, 2003, 245 pp., ISBN 973-0-02871-0.

E. Petac. C. Partale - *Fortran Language. Programming and Application*, Ed. MatrixRom - Code CNCSIS 39, Bucharest, Romania, 2002, 288 + X pp., ISBN 973-685-445-0.

E. Petac, L. Cosma – *Computer Programming* – Ed. ExPonto - Code CNCSIS 193, Constanta, Romania, 2002, 316 pag, ISBN 973-664-103-2.

E. Petac, T. Susanu – *Computer Aided Design of Electronic Circuits*, Ed. Muntenia - Code CNCSIS 195, Constanta, Romania, 1999, 251+X pp., ISBN 973-9286-29-1.

E. Petac, D. Petac - *Principles and Techniques for Information Security in Computer Networks*, Ed. MatrixRom - Code CNCSIS 39, Bucharest, Romania, 1998, 250 + XIV pp., ISBN 973-9390-49-8.

E. Petac, T. Susanu - *Electronic Devices*, Ed. Muntenia - Code CNCSIS 195, Constanta, Romania, 1998, 211 pagini, ISBN:973-9286-21-6 .

T. Susanu, **E. Petac - *Electronic Devices***, (Vol.1) - ***Electronic Tubes***, Ed. Naval Academy "Mircea cel Bătrân"- Code CNCSIS 197, Constanta, Romania, 1993, 126 pp.

T. Susanu, **E. Petac - *Electronic Devices***: (Vol. 2) - ***Semiconductor Devices***, Ed. Naval Academy "Mircea cel Bătrân"- Code CNCSIS 197, Constanta, Romania, 1993, 261 pp.

T. Susanu, **E. Petac - *Electronic Devices - Laboratory Guide***, Ed. Naval Academy "Mircea cel Bătrân"- Code CNCSIS 197, Constanta, Romania, 1994, 146 pp.

2.3°. Articles / studies published (extract)

E. Petac, P. Duma - *Exploring the New Era of Cybersecurity Governance*, In: Ovidius University Annals, Economic Sciences Series, 2018, vol. XVIII, Issue 1, pp.358-363, Code CNCSIS 444, Ovidius University Press, Constanta, Romania, Indexing in international databases: RePEc, DOAJ, EBSCO, CABELL, ULRICH'S, J-GATE, ERIH PLUS, Index Copernicus, Scientific Indexing Services, INFOBASE INDEX and ResearchBib, ISSN-L 2393-3119; ISSN 2393-3127.

E. Petac, - *A MPLS Simulation for Use in Design Networking for Multi Site Businesses*, In: Ovidius University Annals, Economic Sciences Series, 2017, vol. XVII, Issue 1, pp.373-378, Code CNCSIS 444, Ovidius University Press, Constanta, Romania, Indexing in international databases: RePEc, DOAJ, EBSCO, CABELL, ULRICH'S, J-GATE, ERIH PLUS, Index Copernicus, Scientific Indexing Services, INFOBASE INDEX and ResearchBib, ISSN-L 2393-3119, ISSN 2393-3127.

V. M. Pomazan, **E. Petac** - *Managing Parameterized Parts With Variable Cut Dimensions*, In: Journal of Industrial Design and Engineering Graphics (JIDEG), Volume 12, Issue 1, May 2017, pp. 253-256, Romania, ISSN (print version): 1843-3766, ISSN (online version): 2344-4681, ISSN-L 1843-3766, Indexing in international databases: IndexCopernicus , DOAJ - Directory of Open Access Journal, EBSCO - Publishing, Proquest. ,

P. Duma, **E. Petac** - *Managing the Interface for Receiving Caller Identification Delivery Messages Using a Microcontroller(II)* , In: The Bulletin of the Politechnic Institute of Iasi, Electrical Engineering, Power Engineering, Electronics Section, Technical University "Gh.Asachi" Iasi, Romania, Code CNCSIS 87, Tome 63 (67), Fasc. 2/2017, pp.39-50, Politehnum Publishing House, ISSN 1223-8139, Online ISSN 2537-2726.

V. A. Minuta, **E. Petac** - *A Virtual Routing Solution for IP Networks*, In: Proceedings of the International Conference on Interdisciplinary Studies (ICIS 2016) - Interdisciplinarity and Creativity in the Knowledge Society , Ph.D. Valentina Pomazan (Ed.), InTech, pp. 53-80, DOI: 10.5772/65415. Available from: <http://www.intechopen.com/books/proceedings-of-the-international-conference-on-interdisciplinary-studies-icis-2016-interdisciplinarity-and-creativity-in-the-knowledge-society/a-virtual-routing-solution-for-ip-networks>.

I. C. Manole, **E. Petac** - *Social Informatics and the Dynamic of Contemporary Society*, In: Proceedings of the International Conference on Interdisciplinary Studies (ICIS 2016) - Interdisciplinarity and Creativity in the Knowledge Society , Ph.D. Valentina Pomazan (Ed.), InTech, pp. 81-92, DOI: 10.5772/65416. Available from: <http://www.intechopen.com/books/proceedings-of-the-international-conference-on-interdisciplinary-studies-icis-2016-interdisciplinarity-and-creativity-in-the-knowledge-society/social-informatics-and-the-dynamic-of-contemporary-society>.

E. Petac, A. R. Alzoubaidi, P.Duma, - *Some Experimental Results About Security Solutions Against DDoS Attacks*, In: Proceedings of the International Symposium on Signals, Circuits and Systems (ISSCS 2013), 11 - 12 July, 2013, Iasi, Romania, IEEE Catalog Number: CFP13816-CDR,ISBN: 978-1-4673-6141-5,IEEEExplore,INSPEC (Accession Number: 13879788),DOI:10.1109/ISSCS.2013.6651193, <http://scholar.google.com/>

E. Petac - *About a Method of Distribution Keys of a Computer Network Using Elliptic Curves*, In: Proceedings of the *IEEE International Symposium on Consumer Electronics, 1997 (ISCE'97)*, Singapore, 2-4 December 1997, pag.309-312, IEEE Catalog Number 97TH8348; ISBN: 0-7803-4371-9 Softbound Edition; ISSN: 0-7803-4732-7 Microfische Edition; Library of Congress Number 97-80529. IEEEExplore, INSPEC (Accession Number: 5998383, DOI: 10.1109/ISCE.1997.658414, <http://scholar.google.com/>

E. Petac, A. D. Sotir - *Methods for Distribution of the Cryptographic Keys in A Computer Network*, Studies in Informatics and Control, Code CNCSIS 242, Bucharest, Romania, Vol.8, No.3, Sept.'99 pp.185-195 , ISSN 1220-1766. INSPEC, <http://sic.ici.ro/about.html>, http://sic.ici.ro/sic1999_3/index.html, <http://scholar.google.com/>

E. Petac, A.O. Petac - *The Challenge of Private Cloud for the Digital Business*, In: Ovidius University Annals, Economic Sciences Series, 2016, vol. XVI, Issue 1, pp.373-379, Code CNCSIS 444, Ovidius University Press, Constanta, Romania, Indexing in international databases: RePEc, DOAJ, EBSCO, CABELL, ULRICH'S, J-GATE, ERIH PLUS, Index Copernicus, Scientific Indexing Services, INFOBASE INDEX and ResearchBib, ISSN-L 2393-3119, ISSN 2393-3119.

E. Petac, A.O. Petac - *About Security Solutions in Fog Computing*, In: Ovidius University Annals, Economic Sciences Series, 2016, vol. XVI, Issue 1, pp.380-385, Code CNCSIS 444, Ovidius University Press, Constanta, Romania, Indexing in international databases: RePEc, DOAJ, EBSCO, CABELL, ULRICH'S, J-GATE, ERIH PLUS, Index Copernicus, Scientific Indexing Services, INFOBASE INDEX and ResearchBib, ISSN-L 2393-3119, ISSN 2393-3119.

E. Petac, *New Challenges of Supportive Technologies For Education*, International Conference on Creative Collaboration through Supportive Technologies - ICCST 2015, July 24, 2015, Constanța, România, In: Creative Collaboration through Supportive Technologies, E. Petac (Editor), pp.3-8,, Ed. MatrixRom - Code CNCSIS 39, Bucharest, Romania, November 2015, ISBN 978-606-25-0202-7.

E. Petac, P. Duma - *Some Aspects of Intrusion Detection in IoE*, In: Ovidius University Annals, Economic Sciences Series, 2015, vol. XV, Issue 1, pp.595-598, Code CNCSIS 444, Ovidius University Press, Constanta, Romania, ISSN 1582-9383.

E. Petac, A. R. Alzoubaidi, D. Prodan-Palade, - *Fundamentals of Smart Geolocation Solutions for Business*, In: Ovidius University Annals, Economic Sciences Series, 2014, vol. XIV, Issue 1, pp.513-518, Code CNCSIS 444, Ovidius University Press,Constanta,Romania,ISSN 1582-9383.

P.Duma, **E. Petac**, A. R. Alzoubaidi - *Monitoring the MPL115A1 Pressure Sensor using a ATMEL Family Microcontroller*, In: The Bulletin of the Politechnic Institute of Iasi, Electrical Engineering, Power Engineering, Electronics Section, Technical University "Gh. Asachi" Iasi, Romania, Code CNCSIS 87, Tome LIX (LXIII), Fasc. 1/2013, pp.73-84, Politehnum Publishing House, ISSN 1223-8139.

A. R. Alzoubaidi, D. Prodan-Palade, **E. Petac** - *A Survey in Information Systems: Integral Part and a Strategic Partner for Good Corporate Governance*, In: Ovidius University Annals, Economic Sciences Series, 2013, vol. XIII, issue 1, pp.395-400, Code CNCSIS 444, Ovidius University Press, Constanta, Romania, ISSN 1582-9383,

E. Petac, B. Musat - *Route Redistribution: A Case Study*, In: The Bulletin of the Politechnic Institute of Iasi, Electrical Engineering, Power Engineering, Electronics Section, Technical University "Gh. Asachi" Iasi, Romania, Code CNCSIS 87, Tome LVI(LX), Fasc. 3/2010, pp.51-59, ISSN 1223-8139,IndexCopernicus, Zentralblatt Index.

E. Petac, B. Musat - *Firewall Generator (Part I)*, In: The Bulletin of the Politechnic Institute of Iasi, Automatic Control and Computer Science Section, Technical University "Gh. Asachi" Iasi, Romania, Code CNCSIS 87, Tome XLIX(LIII), Fasc. 1-4/2003, pp.121-130, ISSN 1220-2169, IndexCopernicus, Zentralblatt Index (http://www.zentralblatt-math.org/ioport/en/?q=au:Petac%2C%20E*).

E. Petac, B. Musat - *Firewall Generator (Part II)*, In: The Bulletin of the Politechnic Institute of Iasi, Automatic Control and Computer Science Section, Technical University "Gh. Asachi" Iasi, Romania, Code CNCSIS 87, Tome XLX(LIV), Fasc. 1-4/2004,pp.181-191, ISSN 1220-2169,IndexCopernicus, Zentralblatt Index (http://www.zentralblatt-math.org/ioport/en/?q=au:Petac%2C%20E*).

E. Petac - *Secure Communication Based on Elliptic Curve Public Key Cryptosystems (Part I)*, In: The Bulletin of the Politechnic Institute of Iasi, Electrical Engineering, Power Engineering, Electronics Section, Technical University "Gh. Asachi" Iasi, Romania, Code CNCSIS 87, Tome XLV (IL), Fasc. 1-2/1999, pp.69-76, ISSN 1223-8139, IndexCopernicus, Zentralblatt Index.

E. Petac - *Secure Communication Based on Elliptic Curve Public Key Cryptosystems (Part II)*, In: The Bulletin of the Politechnic Institute of Iasi, Electrical Engineering, Power Engineering, Electronics Section, Technical University "Gh. Asachi" Iasi, Romania, Code CNCSIS 87, Tome XLVI (L), Fasc. 1-2/2000, pp.87-95, ISSN 1223-8139,IndexCopernicus, Zentralblatt Index.

- E. Petac**, D. Petac - *An authenticated encryption protocol with public keys that uses elliptic curves and universal hash functions*, In: The Annals of University "Dunărea de Jos", Galati, Romania, Code CNCSIS 214, Tome XVI (XXI), Fasc. II, 1998, pp. 193-200, ISSN 1221-4531, Index CSA.
- E. Petac** -*An encryption protocol with public keys that uses elliptic curves*, In: The Annals of University "Dunărea de Jos", Galati, Romania, Code CNCSIS 214, Tome XVI (XXI), Fasc. II, 1998, pp.201-206, ISSN 1221-4531,Index CSA.
- E. Petac**, B. Musat - *Experimental results about Multiprotocol Routing and Route Redistribution*, In: Proceedings of 6'th RoEduNet International Conference, University of Craiova, Faculty of Automation, Computers and Electronics, Craiova, Romania, november 23-24, 2007, ISBN: 978-973-746-581-8, Printing House: SITECH Craiova, Romania, (<http://webofknowledge.com>, <http://scholar.google.com/>)
- E. Petac**, T. Udrescu - *Virtual Private Networks powered by Elliptic Curve Cryptography*, In: Proceedings of The 31'st Internationally Attended Scientific Conference of the Military Technical Academy-Modern Technologies in the 21'st Century, 3-4 November 2005, Bucharest, Romania, ISBN 973-640-074-3 (<http://scholar.google.com>)
- E. Petac**, A. R. O. Alzoubaidi - *Convolutional codes simulation using Matlab*, In: Proceedings of 8th WSEAS CSCC (CSCC 2004), International Conference on SYSTEMS, Intelligent Information Systems, pp. 487-150, Athens, Greece, <http://www.wseas.us/e-library/conferences/athens2004/papers/cscsc.htm> (<http://scholar.google.com>).
- E. Petac**, A. R. O. Alzoubaidi, T. Udrescu - *Firewall Survey*, In: Egyptian Computer Science Journal (ECSJ), Egypt, ISSN: 1110-2586, volume 26, number 1, publisher: The Egyptian Computer Society(ECS), 2004, (http://net2.shams.edu.eg/ecs/jan_04_a2.htm, <http://dblp.uni-trier.de/db/journals/ecs/ecs26.html>, http://www.zentralblatt-math.org/loport/en/?q=au:Petac%2C%20E*).
- E. Petac**, T. Udrescu - *Visual Firewall Rule Builder*, In: Proceedings of Symposium on Intelligent Systems and Applications, September 19-20, SIA'2003, Iasi, Romania, Editors: Horia-Nicolai Teodorescu, Constantin Gaidric, Emil Sofron, ISBN: 973-97737-2-9, (<http://scholar.google.com>).
- E. Petac**, Lucian Novac, *Romanian ICT Education and Training Institutions Platform*, In: Proceedings of International Conference on Computers and Communications, ICC 2004, Baile Felix Spa-Oradea, Romania, 27-29 May, 2004, pp. 336-343, Editors: Ioan Dzitac, Teodor Maghiar, Constantin Popescu, ISBN: 973-613-542-X (<http://scholar.google.com>).
- E. Petac**, T. Udrescu, M. Atanasiu - *Computer Aided Assessment Project - overview*, In: Book: Intelligent Systems, Selected papers of the ECIT 2004 Conference, Third European Conference on Intelligent Systems and Applications (ECIT 2004), July 21-23, 2004, Iasi, Romania, pp. 251-260, Editor: Horia-Nicolai Teodorescu, Publisher: Performantica, Iasi, Romania, Code CNCSIS 85, ISBN 973-7994-85-X, (<http://scholar.google.com>).
- E. Petac**, D. Munteanu - *A European Comparison of ICT Qualification Strategies in Training Institutions, Colleges, Universities and Vocational Schools* - In: Proceedings: Networking in Education and Research, RoEduNet International Conference, Second Edition, Iasi, June 5-6, 2003, pp. 152-166, ISBN 973-85971-9-8,
- E. Petac**, D. Petac - *An Analysis of ICT Policy and Strategies in Romania in European Context*, In: Proceedings: Networking in Education and Research, RoEduNet International Conference, Second Edition, Iasi, June 5-6, 2003, pp. 167-174, ISBN 973-85971-9-8, (<http://scholar.google.com>, <http://apps.isiknowledge.com/>).
- E. Petac**, D. Petac - *ICT Training Strategies in European context*, In: Proceedings of the International Conference on Qualification and Training in Information and Communication Technologies (QTICT'02), October 10-12, 2002, "Danubius" University, Galati, Romania, Editors: Viorel Arition, Eugen Petac, Publisher: "Danubius" University, Galati, Romania, pp.90-100, ISBN:973-627-050, (<http://scholar.google.com>, <http://apps.isiknowledge.com/>).
- E. Petac**, D. Petac - *Competencies and contents for ICT disciplines for Romanian High School Education System*, In: Proceedings of the International Conference on Qualification and Training in Information and Communication Technologies (QTICT'02), October 10-12, 2002, "Danubius" University, Galati, Romania, Editors: Viorel Arition, Eugen Petac, Publisher: "Danubius" University, Galati, Romania, pp.79-89, ISBN:973-627-050.
- E. Petac** - *IT Revolution in Romania*, In: Romania - looking to the future, Published of the occasion of EBRD (European Bank for Reconstruction and Development) Annual Meeting, Bucharest, Romania, 19-20 May 2002, pp.26-29, Printing House: Codex.
- E. Petac**, D. Petac - *An elliptic curve conference key distribution system*, In: Proceedings of the Baltic Electronics Conference, BEC '98, Tallinn Technical University, Estonia, October 7-9, 1998, pp. 359-362, ISBN 9985-59-081-3. (<http://www.elin.ttu.ee/bec/98/> Applied Mechanics Reviews(USA) and INSPEC (The Institution of Electrical Engineers,UK).
- E. Petac**, D. Petac - *The determination of the high and of the low value of the data flow in ATM networks*, In: Proceedings of the Baltic Electronics Conference, BEC '98, Tallinn Technical University, Estonia, October 7-9, 1998, pp.363-366, Conference Proceedings, ISBN 9985-59-081-3, (<http://www.elin.ttu.ee/bec/98/> Applied Mechanics Reviews(USA) and INSPEC (The Institution of Electrical Engineers,UK).
- T. Susanu, I. Lingvay, F. Stoian, **E. Petac** - *The Finite Differences Method to Determine the Potential Function Values in the Tridimensional Space Around a Sea-going Ship (FINDI)*, In: Proceedings of the International Conference on Electric Ship (ELECSHIP'98), in conjunction with International Conference on Electrical Machines (ICEM'98), Istanbul, Turkey, September 1st, 1998, pp. 22-26, ISBN 975 - 429 - 129 -2, <http://scholar.google.com/>
- T. Susanu, I. Lingvay, **E. Petac**, F. Stoian, C. Lingvay - *The Computation of the Electric Field Strength of a Seagoing Ship*, In: Proceedings of the International Conference on Electric Ship (ELECSHIP'98), in conjunction with International Conference on Electrical Machines (ICEM'98) Istanbul, Turkey, September 1st, 1998, pag.17-21, ISBN 975 - 429 - 129 -2, <http://scholar.google.com/>
- E. Petac** - *Security Elements of Communications Using Elliptic Curve Cryptosystems*, In: Proceedings: APCC'97, the Third Asia-Pacific Conference on Communications, Sydney Convention and Exhibition Centre, Darling Harbour, Australia, 7-10 December, 1997, pag.1362-1365, ISBN: 090339444X, <http://catalogue.nla.gov.au/Record/220352>.
- V Arition, **E Petac**, D Petac, A Pusca - *Case Studies and Expert Interviews in Romanian Training Institutions - Leonardo da Vinci EUQuaSIT project, meeting in Galati 2003*, <http://euquasit.net>
- E Petac**, V Arition, D Petac, A Pusca - *Questionnaires and outcomes on ICT qualifications in Romanian ICT and non-ICT companies- Leonardo da Vinci EUQuaSIT project, meeting in Prague, Czech Republic, Feb. 2003*, <http://euquasit.net>
- E Petac**, V Arition, D Petac, B Pusca - *Questionnaires and outcomes on ICT qualifications in Romanian ICT Training Institutions - Leonardo da Vinci EUQuaSIT project, meeting in in Prague, Czech Republic, Feb. 2003*, <http://euquasit.net>

2.4°. Other articles / studies published in the Journals/Proceedings of International Scientific Conferences (with ISSN or ISBN)

- Author / co-author – 40

2.5°. Other articles / studies published in the Journal/Proceedings of Scientific Conferences

- International Conferences: Author / co-author – 12
- National Conferences: Author / co-author – 28

3. Participation in scientific projects and scientific collaboration

3.1° Research projects - development - innovation

3.1.1 Projects / contracts / grants for research, development and innovation:

A) Obtained through competition on contract / grant international

A1: Project Coordinator Partner P5, *European Qualification Strategies in Information and Communications Technology - EUQuaSIT*, Leonardo da Vinci II Project/Grant –D/00/C/P/RF/ 91309, January 2001 - May 2005, <https://www.uni-flensburg.de/biat/projekte/elektro-informationstechnik/projektblage-etit/euquasit/>, <https://www.fict.ro/central-systems/research/projects.html>

A2: *Interregional 3C, IMAPS (2005 - december 2007), CMP 4 – december 2007*, "Ovidius" University of Constanta, Romania, member, dissemination activities (Participation Diploma).

A3: *Transfert Certification Agent Technique Cordiste – TSC (in french), France, Bulgaria and Romania*, Leonardo da Vinci project - 2010-1-BG1-LEO05-03099, 2010-2012, Universitatea „Ovidius” Constanta, "Ovidius" University of Constanta, Romania, member, scientific research and dissemination activities (Certificate of Merit and Participation Diploma), <http://project-tsc.com/>.

A4: The Pestalozzi Programme. Council of Europe training programme for education professionals – participating in training (Training Module, december 2011, Certificate of attendance), Department of International Relations and European, Romanian Ministry of Education, Research, Youth and Sports.

A5: *Eurocompetences for Lifelong Learning*, Leonardo da Vinci project – LLP-LdV/VETPRO/2007/RO/004, March 2007- May 2009, member, dissemination activities.

A6: *Revised Curriculum in Vocational and Technical Education (CRIPT)*, POSDRU Project, ID 58832, October 2011- March 2012.

A7: *Improving the Quality of Education and Training through Partnership Networks*, POSDRU Project, ID 57551, May 2012.

A8: *Active School-Enterprise Partnerships to Improve Initial Vocational Training (PASII FPI)*, POSDRU Project, ID 63196, October 2012-April 2013.

A9: Project Coordinator Partner P1, Project/Grant POSDRU ID 141587 - „Network of continuous training of teaching staff to use multimedia, virtual instruments and Web 2.0 in the curricular area of Mathematics and Natural Sciences (ProWeb)", 1.05.2014 – 31.10.2015 (18 months), <http://proweb.ssai.valahia.ro/>, <http://www.cdsd.ro/proweb/>.

A10: Trainer-Teacher Course and Assistant Trainer, Long Term Expert, Project/Grant POSDRU/157/1.3/S/141587 - „Network of continuous training of teaching staff to use multimedia, virtual instruments and Web 2.0 in the curricular area of Mathematics and Natural Sciences (ProWeb)", 1.05.2014 – 31.10.2015, <http://proweb.ssai.valahia.ro/>, <http://www.cdsd.ro/proweb/>.

A11: Expert guidance and career internships and study, Partner P2, Short Term Expert (April-October 2015), Project/Grant POSDRU 160/2.1./S/139928 " Student today! Professional tomorrow! – process improvement on the labor market of students of technical/economic /veterinary medical domains ", <http://www.proiectimpuls.ro/>

3.1.2 Research projects:

- 9 Research Themes, team member, Naval Forces Scientific Research Center, Constanta, Romania (1988-1991).
- 11 Research Themes, team member, Naval Academy "Mircea cel Bătrân", Constanta, Romania (1993-1998).

3.1.3. International scientific collaboration:

- **Workshop:** European Qualification Strategies in Information and Communication Technology (Leonardo da Vinci EUQuaSIT project), Baile Felix Spa, Oradea, Romania (in conjunction with International Conference on Computers and Communications – ICCS 2004, 27-29 May, 2004).
- **Workshop:** European Qualification Strategies in Information and Communication Technology (Leonardo da Vinci EUQuaSIT project), Tecnoforma Lisabona, Portugal, ianuarie 2004.
- **Workshop:** European Qualification Strategies in Information and Communication Technology (Leonardo da Vinci EUQuaSIT project), National Institute of Technical and Vocational Education, Prague, Czech Republic, februarie 2003.
- **Workshop:** European Qualification Strategies in Information and Communication Technology (Leonardo da Vinci EUQuaSIT project), Universitatea "Danubius" din Galati, Romania, august 2003
- **Workshop:** European Qualification Strategies in Information and Communication Technology (Leonardo da Vinci EUQuaSIT project), VEV Institute (Kenteq International), Amsterdam, Olanda, iunie 2002.

- **Workshop:** European Qualification Strategies in Information and Communication Technology (Leonardo da Vinci EUQuaSIT project), Tecnoforma Lisabona, Portugal, ianuarie 2002.
- **Workshop:** European Qualification Strategies in Information and Communication Technology (Leonardo da Vinci EUQuaSIT project), Constanta, Romania, iunie 2001
- **Workshop:** European Qualification Strategies in Information and Communication Technology (Leonardo da Vinci EUQuaSIT project), Flensburg University, Germania, ianuarie 2001.

Internal and international mobilities

- Academic Training, Programme *Cisco Certified Networking Associate* (CCNA), O.A.O. RoEduNet Iasi, „Alexandru Ioan Cuza” University of Iasi, Romania, february 2002– march 2002.
- Academic Training, Programme *Cisco Certified Networking Associate* (CCNA), O.A.O. RoEduNet Iasi, „Alexandru Ioan Cuza” University of Iasi, Romania, 17 september 2001 – 1 october 2001.
- Training course (modular organized, 3 weeks, 2000-2001), qualified as *Reviewer for alternative textbooks* and *Trainer for reviewers for alternative textbooks*; The course was organized by the National Council for Approval of Textbooks (Ministry of Education and Research of Romania) and British Council;
- EU TEMPUS Grant, 26.04.1999 – 9.05.1999 SJP 11168-96 Project, Restructuring of the (re)training of school teachers in Computer Science, University of Sheffield, United Kingdom.
- Training course, *Data processing*, 1.11.1986- 27.12 1986, „Eotvos Lorand” Geophysical Institute (ELGI) of Hungary, Budapest.
- Training course, *Data processing*, 1.12.1987- 27.12 1987, „Eotvos Lorand” Geophysical Institute (ELGI) of Hungary, Budapest.

4. Other scientific or teaching activities

Assessor and Trainer of Assessors for Alternative Textbooks

- **20-25.08.2001** Participant at the Teacher Assessors Preparation Course, hold in Sinaia, organized by the National Council for Textbook Approval (Romanian Ministry of Education) and British Council; evaluated and being declared competent to prepare peers in order to review alternative textbooks.
- **2-6.04.2001** Graduated the Assessors Training of Trainers Course, Sinaia, organized by the National Council for Textbook Approval (Romanian Ministry of Education) and British Council.
- **26-29.01.2000** Participant at training seminar and teacher training evaluators, organized by the National Council for Textbook Approval (Romanian Ministry of Education) and British Council.
- **Member of Committees of academics vacancy**, „Ovidius” University of Constanta, Romania (1998-2011, 2014).
- **Member of Committees of tenure of teachers in high school education**, *Informatics/Computer Science* and *Information Technology* specializations (1999-2001).
- **Member of Completed Commissions, to grant school/high school teaching degrees** (2010, 2011, 2012, 2013, 2015, 2016, 2017) *Informatics/Computer Science* specializations.
- **Coordinator of 1st degree teacher thesis** (2015-2017)
- **Coordinator / Member** of teams for the preparation of dossiers for authorization/accreditation of study programs Bachelor/Master for the Informatics/Computer Science field, Mathematics and Computer Science Faculty, „Ovidius” University of Constanta (2000-2012).
- **Initiator and Coordinator of Working Group and Scientific Seminar** *Data communications and distributed systems* (since 1999, Mathematics and Computer Science Faculty, „Ovidius” University of Constanta (<http://www.cdsd.ro>)).
- **International scientific cooperation**
 - Radu Stoleru, Laboratory for Embedded & Networked Sensor Systems, Department of Computer Science and Engineering, Texas A&M University, USA (<http://lenss.cse.tamu.edu/members.html>)
- **Scientific Reviewer:**
 - Conference on Theoretical Computer Science and Information Technology (CITTI) 2000, 25-27 May 2000, Constanta, Romania.
 - Employee of the National Institute of Pedagogical Sciences Bucharest, as member of the National Commission for Auction textbooks and as reviewer of textbooks, 2000-2002.
 - Informatics basics – author Tanase SUSANU, Ph.D., University Textbook, Ed. Gaudeamus, Constanta, 2002, ISBN : 973-85505-6-4.
 - International Conference on Computers and Communications – ICC 2004, Baile Felix Spa – Oradea, Romania, 27-29 May, 2004, ISBN 973-613-542-X.
 - RFID design principles (2nd ed.), author Lehpamer H., Artech House, Inc., Norwood, MA, 2012. 350 pp. Type: Book (978-1-608074-70-9), Jul 11 2013.
 - Mobile and ubiquitous systems : computing, networking, and services, authors Zheng K., Li M., Jiang H., Springer Publishing Company, Incorporated, New York, NY, 2013. 300 pp. Type: Book (978-3-642402-37-1), Jan 22 2014.
 - Distributed model predictive control made easy, authors Maestre J., Negenborn R., Springer Publishing Company, Incorporated, New York, NY, 2013. 470 pp. Type: Book (978-9-400770-05-8), Feb 19 2014.
 - 4G femtocells: resource allocation and interference management, Zhang H., Chu X., Wen X. Springer Publishing Company, Incorporated, New York, NY, 2013. Type: Book (978-1-461490-79-1), Apr.22, 2014

- Running Mainframe z on Distributed Platforms How to Create Robust Cost-Efficient Multiplatform z Environments, Kenneth Barrett , Stephen Norris, 285 pp., March 21, 2014, CA Press, Type: Book (978-1-4302-6430-9), Oct.8, 2014
 - Essential mobile interaction design: perfecting interface design in mobile apps, Banga C., Weinhold J., Addison-Wesley Professional, Upper Saddle River, NJ, 2014. 304 pp. Type: Book (978-0-321961-57-0), Feb. 26, 2015
 - Troubleshooting Oracle performance (2nd ed.), Antognini C., Apress, New York, NY, 2014. 740 pp. Type: Book (978-1-430257-58-5), Apr. 3, 2015.
 - Computer Aided Graphics (in Romanian), 1st Series, M. Cotrumba, A. Pintilie, B. Radoiu, „Ovidius” University Press, 127 pp. + CD, Type: Book (978-973-614-789-0 + 978-973-614-820-0), Constanta, Romania, 2015.
 - Computer Aided Graphics (in Romanian), 2nd Series,, A. Pintilie, M. Cotrumba, B. Radoiu, „Ovidius” University Press, 113 pp. + CD, Type: Book (978-973-614-806-4 + 978-973-614-845-3), Constanta, Romania, 2015.
 - Securing SQL Server : protecting your database from attackers (3rd ed.), Cherry D., Syngress Publishing, Waltham, MA, 2015. 462 pp. Type: Book (978-0-128012-75-8), Dec.11, 2015.
 - Securing VoIP : keeping your VoIP network safe, Bates R., Syngress Publishing, Waltham, MA, 2014. 220 pp. Type: Book (978-0-124170-39-1), Dec.22, 2015.
 - Social sensing: building reliable systems on unreliable data, Wang D., Abdelzaher T., Kaplan L. Morgan Kaufmann Publishers Inc., San Francisco, CA, 2015. Type: Book (978-0-128008-67-6), May 3 2016.
 - Getting started with data science: making sense of data with analytics, Haider M. IBM Press, Upper Saddle River, NJ, 2015. Type: Book (978-0-133991-02-4), May 3 2016.
 - Sharing data and models in software engineering, Menzies T., Kocaguneli E., Minku L., Peters F., Turhan B. Morgan Kaufmann Publishers Inc., San Francisco, CA, 2015. Type: Book (978-0-124172-95-1), Dec 7 2016.
 - Introduction to cyberdeception, Rowe N., Rrushi J. Springer International Publishing, New York, NY, 2016. Type: Book (978-3-319411-85-9), Jun 1 2017.
 - Introduction to coding theory (2nd ed.), Bierbrauer J. Chapman & Hall/CRC, Boca Raton, FL, 2016. Type: Book (978-1-482299-80-9), Aug 30 2017.
 - Non-volatile in-memory computing by spintronics, Yu H., Ni L., Wang Y. Morgan & Claypool Publishers, San Rafael, CA, 2016. Type: Book (978-1-627052-94-8), Dec 11 2017.
 - Contest theory: incentive mechanisms and ranking methods, Vojnović M. Cambridge University Press, New York, NY, 2016. Type: Book (978-1-107033-13-9)
 - Practical packet analysis: using Wireshark to solve real-world network problems (3rd ed.), Sanders C. No Starch Press, San Francisco, CA, 2017. Type: Book (978-1-593278-02-1), Dec 15 2017.
 - Embedded computing for high performance: efficient mapping of computations using customization, code transformations and compilation, Cardoso J., Coutinho J., Diniz P. Morgan Kaufmann Publishers Inc., San Francisco, CA, 2017. Type: Book (978-0-128041-89-5), Mär 16 2018.
 - A systematic approach to learning robot programming with ROS , Newman W., Chapman&Hall/CRC, Boca Raton, FL, 2018. 530 pp. Type: Book (978-1-498777-82-7), Sep 28 2018.
- **Member of Scientific Committee of Conferences**
 - **International Conference of Engineering Graphics and Design (ICEGD 2017)**, 26-27 May 2017, Constanta, Romania, <http://sorging.ro/en/articles/icegd-conference>
 - **International Conference on Interdisciplinary Studies (ICIS 2016)**, 10-11 June 2016, Constanta, Romania, <http://univ-ovidius.ro/icis2016/>, <http://sorging.ro/en/articles/international-conference-on-interdisciplinary-studies-icis-2016>
 - **International Conference on Creative Collaboration through Supportive Technologies (ICCCST 2015)**, 24 July 2015, Constanta, Romania, <http://www.univ-ovidius.ro/icccst2015>, <http://www.cdsd.ro/conference2015/ccst.html>
 - **6th International Conference on Security for Information Technology and Communications**, 25-26 June 2013, Bucharest, Romania
 - **International Conference on Computers, Communications & Control – ICCCC 2010**, Baile Felix Spa – Oradea, Romania, 12-16 May, 2010.
 - **International Conference on Computers, Communications & Control – ICCCC 2008**, Baile Felix Spa – Oradea, Romania, 15-17 May, 2008.
 - **International Conference on Computers, Communications & Control – ICCCC 2006**, Baile Felix Spa – Oradea, Romania, 1-3 June, 2006
 - **International Conference on Computers and Communications – ICC 2004**, Baile Felix Spa – Oradea, Romania, 27-29 May, 2004.
 - **Third European Conference on Intelligent Systems and Applications (ECIT 2004)**, July 21-23, 2004, Iasi, Romania.
 - **Symposium on Intelligent Systems and Applications (SIA 2003)**, September 19-20, 2003, Iasi, Romania.
 - **International Conference on Qualification and Training in Information and Communication Technologies (QTICT’02)**, October 10-12, 2002 “Danubius” University, Galati, Romania.
 - **Conference on Theoretical Computer Science and Information Technology (CITTI) 2000**, 25-27 May 2000, Constanta, Romania.

- **Member of Organizing Committee of Conferences**

- **International Conference Academic Days of the Academy of Technical Sciences of Romania 2017 (ZASTR 2017)**, 12th Edition, 6-7 October 2017, Organized by Ovidius University of Constanța under the Academy of Technical Sciences of Romania (ASTR) aegis, Constanta, Romania, <http://www.univ-ovidius.ro/zastr2017/>
- **International Conference of Engineering Graphics and Design (ICEGD 2017)**, 26-27 May 2017, Constanta, Romania, <http://sorging.ro/en/articles/icegd-conference>
- **International Conference on Interdisciplinary Studies (ICIS 2016)**, 10-11 June 2016, Constanta, Romania, <http://univ-ovidius.ro/icis2016/>, <http://sorging.ro/en/articles/international-conference-on-interdisciplinary-studies-icis-2016>
- **Deputy Editor in Chief, Seminar Series in Mathematics and Computer Science**, Mathematics and Computer Science Faculty, „Ovidius” University of Constanta (<http://math.univ-ovidius.ro/SSMCS/edboard.html>).
- **General Conference Chair, International Conference on Creative Collaboration through Supportive Technologies (ICCCST 2015)**, 24 July 2015, Constanta, Romania, <http://www.univ-ovidius.ro/icccst2015>, <http://www.cdsd.ro/conference2015/ccst.html>
- **Co-Chair, International Conference on Computers, Communications & Control – ICCCC 2006**, Baile Felix Spa – Oradea, Romania, 1-3 June, 2006
- **Moderator (Coordinator) Session of the Conferences**
 - **International Conference Academic Days of the Academy of Technical Sciences of Romania 2017 (ZASTR 2017)**, 12th Edition, 6-7 October 2017, Organized by Ovidius University of Constanța under the Academy of Technical Sciences of Romania (ASTR) aegis, Constanta, Romania, <http://www.univ-ovidius.ro/zastr2017/>
 - **Third European Conference on Intelligent Systems and Applications (ECIT 2004)**, July 21-23, 2004, Iasi, Romania.
 - **Workshop: European Qualification in Information and Communication Technologies**, Baile Felix Spa, Oradea, Romania (in conjunction with **International Conference on Computers and Communications – ICC 2004**, 27-29 May, 2004)
 - **Networking in Education and Research**, RoEduNet International Conference, Second Edition, June 5-6, 2003, Iasi, Romania.
 - **Symposium on Intelligent Systems and Applications (SIA 2003)**, September 19-20, 2003, Iasi, Romania.
 - **International Conference on Qualification and Training in Information and Communication Technologies (QTICT '02)**, „Danubius” University from Galati, 11-12 October 2002, Galati, Romania.
- **CNCSIS Expert** (2005; 2006) http://www.mct-excelenta.ro/fileadmin/mct/Experti_2006/BAZA_EXPERTI_CEEX_2005_literele_M_P.html
- **Expert UEFISCDI** (2007) http://uefiscdi.gov.ro/userfiles/file/granturi/2007/BAZA_DE_DATE_EXPERTI.htm
- **Scientific Coordinator** of over 130 projects for licensed/diploma (B.Sc.) and 40 for dissertation (M.Sc.)
- **Scientific Coordinator** (2012 - 2016) from the Mathematics and Computer Science Faculty, „Ovidius” University of Constanta, activity of organizing and conducting interdisciplinary Contest “*Mathematics and Physics - Fundamentals of technical progress*”, in partnership with the County School Inspectorate Constanta, Constanta Energy Technical College and Constanta Maritime University.
- **Volunteering activities:**
 - ICT Foundation, Constanta, Romania, <http://www.fict.ro> - Cisco Networking Academy Instructor: CCNA Routing & Switching, CCNA Security, Cybersecurity, IT Essentials, NDG Linux, Programming in Python, Programming in Java, Programming in C, Programming in C++, IoT Fundamentals: Connecting Things, Big Data & Analytics, Hackathon Playbook
 - "Ovidius" University of Constanta, Romania, Working Group and Scientific Seminar *Data Communications and Distributed Systems*, <http://www.cdsd.ro>.
- **Certificates of innovative:**
 - Certificate of innovative No. 243, 26.06.1989, Ministry of National Defence, Romania.
 - Certificate of innovative No. 234, 26.11.1990, Ministry of National Defence, Romania.
 - Certificate of innovative No. 268, 29.12.1990, Ministry of National Defence, Romania.
 - Certificate of innovative No. 269, 29.12.1990, Ministry of National Defence, Romania.
- **Certificates, Cisco Networking Academy:**
 - Instructor Excellence Award (2017)
 - 2015 Academy Curriculum Excellence Award (2016)
 - Instructor Excellence Award (2015)
 - Instructor Excellence Award (2013)
 - Instructor Years of Service (2015)
 - Instructor Years of Service (2013)
 - Instructor Excellence Advanced (2012)
- **Membership in scientific organizations**
 - IEEE (Institute of Electrical and Electronics Engineers) - since 1998
 - Association for Computing Machinery (ACM) – since 2013
 - Romanian Society of Applied and Industrial Mathematics (ROMAI) - since 2012
 - Romanian Mathematical Society (SSMR) – since 1993
 - Romanian General Association of Engineers (AGIR) - 1993-2003; since 2013

- International Association for Cryptologic Research (1996-1999)
- Society for Industrial and Applied Mathematics (SIAM) (1998-1999)
- Romanian Society of Engineering Graphics (SORGING) - (since 2016)

Assoc. Prof. Eugen PETAC, Ph.D.

Data: February 15, 2019