



EUROPASS CURRICULUM VITAE

PERSONAL INFORMATION

FIRST NAME(S) / SURNAME(S) **Marius - Eugen OPRAN**

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NATIONALITY Romanian

DATE OF BIRTH 15 August 1944

GENDER & MARITAL STATUS Male - married, 2 Children: Delia Cristina (38) and Marius Alexandru (24)

EDUCATIONAL LEVEL B. Sc. & M.Sc. (Eng.) Electronics & Telecommunications (5 years) / 1963-1968; certified Senior Scientist; NSF certified professional stages with University of Texas at Dallas - (12 months)

- OCCUPATIONAL FIELD**
- The National Institute for Laser, Plasma and Radiation Physics – Director. The Center for Technology Transfer, Innovation & Marketing in Laser and Radiation Applications (since 3/2014)
 - The National Institute of Physics and Nuclear Engineering – President of the Board of Directors, “The Int’l Center of excellence for Lasers and Radiation Applications - CLARA” (since 2/2014)
 - Romanian Space Agency (“ROSA”) - Principal Scientific Advisor to the President of ROSA
 - European Economic and Social Committee - Delegate to the Consultative Commission on Industrial Changes (Former European Coal and Steel EU Community's Consultative Commission) - Mandate 2011 - 2015 / Former Counsellor and Member of Executive Bureau 2007 - 2010
 - Associate Professor, The National Defence College of Romania, The War Academy
 - Visiting Professor - Gov't & High - Educational institutions in various countries
 - “The International Fund for Cooperation and Partnership Black Sea - Caspian Sea” Brussels Branch (AISBL), President, Official Representative accredited to EU & NATO (since 2011)
 - Expert & Evaluator of the EU Commission - on: Integrated Border Control Systems, (since 2008)
 - Expert, European Defence Agency - on: “EOST - Electro-Optics and Sensor Technologies” (since 2008)
 - Member of the Stakeholder Board of “Digital Agenda” Program, European Commission - DG “CONNECT” (since 2011)

WORK EXPERIENCE

DATES	01/10/1968 - 31/03/1983
OCCUPATION OR POSITION HELD	<ul style="list-style-type: none">• Scientist / Senior Scientist III / Project Manager / Chief of Dept. for Optical Communications, Laser Simulators, Warning & Alarm Systems for Border Control, Large Screen Laser Colour Display / Head of the Laboratory for Laser Special Applications / Optical Communications Dept.• Active participant with International Scientific Cooperation Programme between State Committee for Nuclear Energy of Romania - Central Institute of Physics, Laboratory for Special Laser Applications and US National Science Foundation - University of Texas at Dallas, in the field of Quantum Electronics / Visiting Scientist – certified specialization 12 months with UT-D.• R&D and technological transfer to industry of different types of special laser equipment (Optical communicators through atmosphere and fibre optics, laser simulators for infantry weapons, laser warning systems for border control, duplex laser videophone, binocular integrated laser communicator, fibre optics laser gyro for platform stabilizers, large screen laser display). Development of the prototype of 1st Romanian PC (in cooperation with MoD R&D Agency)
MAIN ACTIVITIES AND RESPONSIBILITIES	Laser & Optoelectronics Applications for National Defence and Homeland Security, Int'l Cooperation in the area of Quantum Electronics, lasers and applications; Project Manager of the 1 st Romanian Optical Fiber Link Connection between 2 PABX at 8.448 Mbit/sec. (still operational In Bucharest).
NAME AND ADDRESS OF EMPLOYER	Institute of Atomic Physics - from 1976 Institute of Research & Development for Radiation Apparatus - Laboratory for Special Laser Applications
TYPE OF BUSINESS OR SECTOR	R & D in the field of Defence & Security Laser Applications, Technological Transfer to industrial capacities, ICT, Int'l Cooperation in the area of Quantum Electronics
DATES	1/4/1983 - 31/3/1985
OCCUPATION OR POSITION HELD	Head of Systems Engineering Department
MAIN ACTIVITIES AND RESPONSIBILITIES	Technological & Industrial Cooperation with BAE - UK for production in Romania of BAC 1-11 Medium-Range Air Carrier: design, acquisition and installation of the largest National Computing Centre (based on CDC Cyber mainframe) for CAD/CAM industrial process, design and implementation of 1 st Romanian LAN; Computer - Controlled Workflow & QC Management of Manufacturing Process; implementation of a new, modern joint telecom & data transmission network; negotiation and acquisition of various computer - controlled machine tools for ROMBAC Program.
NAME AND ADDRESS OF EMPLOYER	Romanian National Centre for Aircraft Industry (CNIAR) - Bucharest Aircraft Company ROMAERO - ROMBAC 1-11 Program.
TYPE OF BUSINESS OR SECTOR	Aircraft Industry, ICT, International Cooperation, Technology Transfer, CAD/CAM, QC
DATES	01/04/1985 - 31/03/1990
OCCUPATION OR POSITION HELD	State Chief Inspector for modernisation and technological development of the National Foodstuff Industry and State General Inspector for Global Operation of the Oceanic Fishing Fleet of Romania
MAIN ACTIVITIES AND RESPONSIBILITIES	<ul style="list-style-type: none">- Managing the Global Operation of the Romanian Oceanic Fishing Fleet (55 oceanic vessels) Operating Mainly in W & S-W Atlantic Ocean - South Africa, Namibia, Mauritania, Spain - Canary Islands, Morocco, UK - N-E Coast, Falkland Islands etc. Negotiating the fishing quotas and contracts with foreign governments, insurance contracts with Lloyd's and P&I, acquisition of new vessels and ships repairing contracts with various shipyards, acquisition of Inmarsat equipment and fish detection sonars for oceanic reefers and trawlers etc.- Modernization of Romanian foodstuff enterprises according with the export requirements imposed by EU and NATO – development of automation lines, CAD/CAM, modern QC standards.
NAME AND ADDRESS OF EMPLOYER	The Ministry of Foodstuff Industry of Romania - Bucharest
TYPE OF BUSINESS OR SECTOR	Foodstuff Industry, Technological Development, Global Operation of the Oceanic Fleet (ranked fourth in the World), Upgrading and Modernising the Fleet capabilities, International Trading & Cooperation

DATES	1/4/1990 - 31/12/2000
OCCUPATION OR POSITION HELD	Founder, President & CEO
MAIN ACTIVITIES AND RESPONSIBILITIES	Representative in Romania: Bell Helicopters Textron, Johnson & Johnson, Thales Defence, Thuraya Satellite Communications, Iridium Global Communications, Schelde Damen, Crypto AG, Fiat Carelli Elevatori, Pirelli, H.J.Baker, Teva etc. Manufacturing Capacities: Optoelectronics (Incl. Night Vision equipment, Laser Rangefinders, Thermal Video Cameras), Civil Engineering, Furniture, Acrylic Bathtubs.
NAME AND ADDRESS OF EMPLOYER	Romanian Trade Promotion SA - founded in March 1990 (the 3 rd registered private company in Romania). Bucharest - Hotel "Radisson SAS" Office Building. Developed as a group of more than 10 companies (Holding structure).
TYPE OF BUSINESS OR SECTOR	Trading & Manufacturing - Communication equipment, Civil engineering, Consumer goods, Defence & Security equipment, Optronics, Furniture, Sanitary hardware, Livestock, Fodder etc.
DATES	01/01/2001 - 31/03/2003
OCCUPATION OR POSITION HELD	Minister Secretary of State – in charge for EU & NATO Integration, Foreign Investment programs, Public Administration Reform, Relation with International Finance Institutions, Cross-border Cooperation and e - Government.
MAIN ACTIVITIES AND RESPONSIBILITIES	- Coordinator of EU & NATO Integration Activities of the Ministry - Author and in - charge for implementation of <u>e - Administration</u> National Strategy of Romania - Author and responsible for implementation of the National Strategy of Romania on Public Administration Reform - Author of the Law on Biometric ID Cards for Romanian citizens - Responsible of Foreign Investments programs for Local Governments: development, negotiation and in - charge for Rural Development Program (with World Bank), SAMTID (with EIB), PHARE and SAPARD (pre-adhesion programs with European Commission) - Member of the Special Inter-Ministerial Committee of the Romanian Government for the adhesion to European Union and NATO
NAME AND ADDRESS OF EMPLOYER	The Ministry of Public Administration and Interior of Romania
TYPE OF BUSINESS OR SECTOR	Government; European Union; NATO; IT & C; Investments; Int'l Cooperation; International Financial Institutions
DATES	01/04/2003 - 31/12/2004
OCCUPATION OR POSITION HELD	Advisor to the President of Romania
MAIN ACTIVITIES AND RESPONSIBILITIES	<ul style="list-style-type: none"> • IT&C, including coordination of <u>e – Learning</u> & <u>e-Health</u> National Programs • High-Technology & Critical Infrastructure Protection • Economic & Scientific Foreign Cooperation • Coordinator of the National Strategy for Sustainable Development of Romania “Horizons - 2025”
NAME AND ADDRESS OF EMPLOYER	The Presidential Administration of Romania
TYPE OF BUSINESS OR SECTOR	National Strategies & Programs; National Sustainable Development; High-Tech; Int'l Cooperation
DATES	1/1/2005 – 31/5/2010
OCCUPATION OR POSITION HELD	President & Chief Architect <ul style="list-style-type: none"> • Promoting the Romanian <u>e – Learning</u> solution in Azerbaijan and UAE and the <u>e – Health</u> application in Bulgaria and Macedonia • Management of companies specialized in the field of optoelectronics and laser applications • Design and presentation of complex systems in the area of Integrated Border Control and Critical Infrastructure Protection in various foreign countries (Azerbaijan, UAE, Nigeria etc.) • Cooperation with foreign companies in different projects / tenders - national, international or EU programs

- In - charge for cooperation, design & production activities for complex night vision / C4ISR / terrestrial and sea border control equipment and systems Cooperation with foreign companies in different projects / tenders - national, international or EU programs
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- In - charge for cooperation, design & production activities for complex night vision / C4ISR / terrestrial and sea border control equipment and systems

MAIN ACTIVITIES AND RESPONSIBILITIES

- Promoting the Romanian *e – Learning* solution in Azerbaijan and UAE and the *e – Health* application in Bulgaria and Macedonia
- Management of companies specialized in the field of optoelectronics and laser applications
- Design and presentation of complex systems in the area of Integrated Border Control and Critical Infrastructure Protection in various foreign countries (Azerbaijan, UAE, Nigeria etc.)
- Cooperation with foreign companies in different projects / tenders - national, international or EU programs
- In - charge for cooperation, design & production activities for complex night vision / C4ISR / terrestrial and sea border control equipment and systems

NAME AND ADDRESS OF EMPLOYER TYPE OF BUSINESS OR SECTOR

“Cube Consulting” Company / “Pro Optica” Bucharest

Electro-Optics & Lasers, ICT, Defence Technology, Border Control Integrated Systems, CIP etc.

DATES OCCUPATION OR POSITION HELD

» 1/1/2007

✦ MANDATE 1/1/2007 – 31/12/2010: Member (rank: Counsellor) of the European Economic and Social Committee (ECOSOC); member of REX (Foreign Affairs) & TEN (IT, Energy, R&D and Infrastructure) sections.

✦ Mandate 1/1/2011 – 31/12/2015: Member of ECOSOC - Delegate of Group I “Employers” to the Consultative Commission on Industrial Changes (CCMI).

✦ Representative of the Committee for the 3rd Platform “Energy, Transport” of the Joint Civil Society Forum between the East European Neighbouring Countries, EU Member States and European Commission

✦ Member of ECOSOC Executive Bureau (1st representative of Romania at decisional level)

✦ EU Observer for General Elections in Kazakhstan - Evaluation of *e-Voting* system

✦ Controller of ECOSOC IT Department.

✦ Rapporteur, President or Member of the Working Group or EESC Official Speaker - on:

- Satellite Mobile Services for EU Citizens and Business
- The Role of ICT for the Sustainable Development of the European Union
- A New Strategy for European Aeronautics Industry
- For a New Directive on Airports Security
- EU Airport Security Expenses
- Revision of Aviation and Airport Guidelines
- Prevention of Terrorism and Violent Radicalisation - The Role of New Technologies
- Setting Up the EU Frontex Agency
- A New Strategy for a much stronger European Defence Industry
- For a Common EU Asylum Legislation
- A new System for Integrated Maritime Surveillance
- New Energy Corridors for Business In Europe
- Security of Gas Supplies for European Union
- The Baltic Sea Strategy
- The Danube Strategy

- The EU Shipbuilding Industry facing the Crisis
- Protecting Europe from large - scale Cyber Attacks and Disruptions: enhancing Preparedness, Security and Resilience
- A Community Approach on the Prevention of Disasters
- Macro - Regional Cooperation
- Electronic Communications - A Real Universal Service
- Increasing the Energy Efficiency by IT Technologies
- The Electronic Coins
- Management of Non-Military Crisis
- General Interest Services
- For a Common EU - NATO Strategy on Cyber Terrorism Threats
- Critical Infrastructure Protection - Study case: EU Electrical Grid
- High-Speed Internet, RFID and the Internet of Things
- *e - Justice, e - Inclusion, e - Knowledge, e - Health, e - Learning*
- Setting Up an active chain of NGO's in the Black Sea Region's Countries in order to develop the Economic, Scientific and Cultural Cooperation
- Management of Non-Military Crisis
- Copyright
- A Digital Agenda for Europe
- Toward the Wider Uptake of Electric Vehicles
- Le Secteur Naval Européen face à la Crise
- EU - Un Espace de Liberté, de Sécurité et de Justice au Service des Citoyens
- Macro-regional Cooperation
- Télémédecine au Service des Patients, des Systèmes de soins de Santé et de la Société
- The Progress of Internet
- Efficacité énergétique grâce aux TIC
- Accès aux Réseaux et Services de Communications électroniques et leur Interconnexion
- Personnes âgées - Nouvelles Technologies de l'Information et des Communications
- To a common EU Policy on Energy
- Utilisation des Biocarburants - Progrès accomplis
- ✦ Evaluation of the Democratic Development in the Southern Caucasus countries (Armenia, Azerbaijan, Georgia)
- ✦ EU Observer for General Elections in Kazakhstan - Evaluation of *e-Voting* system
- ✦ Controller of ECOSOC IT Department.

NAME AND ADDRESS OF EMPLOYER	European Union Economic and Social Committee (ECOSOC) – 99 Belliard Str., 1040 Brussels
TYPE OF BUSINESS OR SECTOR	European Union Institution
DATES	1/9/2004 - 31/12/2006
OCCUPATION OR POSITION HELD	Member of the Administration Board
EMPLOYER NAME AND ADDRESS	The National Health Insurance House of Romania (NHIH)
MAIN ACTIVITIES AND RESPONSIBILITIES	<ul style="list-style-type: none"> • The Administration of NHIH
TYPE OF BUSINESS OR SECTOR	Health - Public Service - ICT
DATES	1/9/2005 - 30/5/2011
OCCUPATION OR POSITION HELD	Associate Professor
NAME AND ADDRESS OF EMPLOYER	The National Defence College of Romania - The War Academy
MAIN ACTIVITIES AND RESPONSIBILITIES	<p>CURRICULA:</p> <ul style="list-style-type: none"> • ICT - Supporting the Sustainable Development of the European Union • A new much stronger and more competitive European Defence Industry - Developing a new category of weapons : The Euro-Armaments • Geopolitics of Energy in Euro - Asian Region • EU Security: Science, energy, food, terrorism and culture interdependencies • The Future of World Aeronautics • Crisis Management Systems & CIP

- Cyber Security and 0 - Day Malware
- Intelligent Security Systems for Border Control and Strategic Sites Protection
- New Technologies fighting Terrorism Threats.

TYPE OF BUSINESS OR SECTOR	Education - National Defence & Security - Science & High Technology
DATES	» 1/7/2010
OCCUPATION OR POSITION HELD	Member of the Int'l Board of Directors, Official Representative accredited to EU Institutions, NATO and BENELUX countries; President of the Board of Directors of BSCSIF Brussels AISBL
MAIN ACTIVITIES AND RESPONSIBILITIES	Promoting Joint Projects between the Fund's 19 Member Countries, EU entities and BENELUX partners in the area of infrastructure, R & D, ICT, security, education, culture, migration control
NAME AND ADDRESS OF EMPLOYER	The International Fund for cooperation and partnership "Black Sea - Caspian Sea" - BSCSIF Brussels AISBL; Subsidiaries: Moscow, Istanbul, Varna, Belgrade.
TYPE OF BUSINESS OR SECTOR	International Cooperation - Investments - NGO
DATES	»1/1/2013
OCCUPATION OR POSITION HELD	Co-founder
MAIN ACTIVITIES AND RESPONSIBILITIES	Company strategy
NAME AND ADDRESS OF EMPLOYER	Cyber Smart Defence Romania
TYPE OF BUSINESS OR SECTOR	Cyber Security - Penetration Test & Vulnerabilities Assessment
DATES	(1) 14/2/2014 - 12/7/2015 / (2) »13/7/2015
OCCUPATION OR POSITION HELD	Project Manager / (2) President of the Board of Directors, The Key – Enabling Technologies (KET) Cluster "The International Center of excellence in Lasers and Radiation Applications - CLARA"
MAIN ACTIVITIES AND RESPONSIBILITIES	(1) Mandated to develop and set-up the Magurele KET Cluster & Competitiveness Pole "CLARA" (2) Issuing the Feasibility Study and the Development Project
NAME & ADDRESS OF EMPLOYER	The National Institute of Physics and Nuclear Engineering "Horia Hulubei", Magurele - Bucharest
TYPE OF BUSINESS OR SECTOR	International Cooperation - Nuclear Physics and Engineering - Laser Physics and Engineering – ELI-NP project - European KET Cluster Center of Excellence - Technological transfer to industry - Promotion, Visibility and Marketing - Beyond the limits!
DATES	» 1/4/2014
OCCUPATION OR POSITION HELD	Director, The Center of Technology Transfer, Innovation & Marketing for Laser and Radiation Applications
MAIN ACTIVITIES AND RESPONSIBILITIES	Management of cooperation activities between CETAL Advanced Center of Excellence, industrial manufacturers and SME's in the area of smart specialisation - new materials, space and security, life sciences, nanotechnologies, photonics
TYPE OF BUSINESS OR SECTOR	International Cooperation - Quantum Physics and Engineering - Laser Physics and Engineering – CLARA-CoE and CETAL projects - Knowledge Management, Technological Transfer to Industry - Promotion, Visibility and Marketing
NAME & ADDRESS OF EMPLOYER	The National Institute of Laser, Plasma and Radiation Physics, Magurele - Bucharest
DATES	» 15/6/2015
OCCUPATION OR POSITION HELD	Principal Scientific Advisor to the President of Romanian Space Agency (ROSA)
MAIN ACTIVITIES AND RESPONSIBILITIES	Management of scientific cooperation activities between ROSA, ESA, NASA and other National Space Agencies, Hard Radiation testing of space components using high-power lasers, Space Debris elimination using pulsed fiber lasers with high repetition rate
NAME AND ADDRESS OF EMPLOYER	The National Space Agency of Romania - Bucharest

TYPE OF BUSINESS OR SECTOR International Cooperation – Space Technologies - Quantum Physics and Engineering – Hard Radiation generation by Petawatt Femtosecond Laser – Debris using Fiber Lasers

BASIC EDUCATION

DATES 1/9/1963 - 30/6/1968

TITLE & SUBJECT B.Sc. & M.Sc. (Eng.) : Electronics & Telecommunications (5 - year studies)

INSTITUTION AND PLACE The Polytechnic University of Bucharest - The Faculty of Electronics & Telecommunications

DATES 22/8/1979 - 25/10/1979 / 11.5.1980 - 11.12.1980 / 26.9.1982 - 30.11.1982

TYPE OF BUSINESS OR SECTOR Specialization / Certified Sr. Scientist (lasers, non - linear optics, optical fiber, optical communications, laser gyroscope for platform stabilization) - University of Texas at Dallas, Quantum Physics Laboratory

MOTHER TONGUE ROMANIAN

OTHER LANGUAGES	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
ENGLISH	C2 Proficient user	C2 Proficient user	C2 Proficient user	C1 Proficient user	C2 Proficient user
FRENCH	C2 Proficient user	C1 Proficient user	C2 Proficient user	C1 Proficient user	B2 Independent user
GERMAN	B2 Independent user	B1 Independent user	B1 Independent user	B1 Independent user	B2 Independent user
ITALIAN	B2 Independent user	C1 Proficient user	B1 Independent user	B1 Independent user	B1 Independent user
RUSSIAN	B1 Independent user	B2 Independent user	B1 Independent user	B1 Independent user	B1 Independent user

(*) Common European Framework of Reference (CEF) level

SOCIAL SKILLS AND COMPETENCES

- Executive President of “The National Employers’ Confederation of the Romanian Industrialists - UGIR-1903” (23.08.2006 - 22.08.2010)

ORGANISATIONAL SKILLS AND COMPETENCES

- Leadership by formation and experience
- Sense of organisation for international complex activities (experience in logistics after 6 years in charge with the global operation of Romanian oceanic fishing fleet)
- Good experience in project or team management - based on the experience accumulated as leader in various activities: R & D, industry, oceanic fleet global management ministry, Government, Presidential Administration, EU institutions, private business.

TECHNICAL SKILLS AND COMPETENCES

- General management of holding structures
- Visiting professor with high-tech educational organisations (National College of Defence, Military Engineering Academy, Azerbaijan, Nigeria, UAE)
- Guest speaker / moderator with scientific & economic international conferences and forums
- Member of the Space Committee of the Romanian Academy of Sciences (1992 – 2000)

OTHER SKILLS AND COMPETENCES

- Table Tennis - member of the National team of Romania more than 14 years
- Hobbies: jogging, art collector, social responsibilities

DRIVING LICENCE(S)

- Class B - from 1979 (US - Texas Driving Licence)

COMPUTER SKILLS AND COMPETENCES

- Expert - Computers Operation & Maintenance (Mac, Windows), Cyber Security
- Programming skills: C/C++, Fortran, Mac OS X
- Office Applications: MS Office Suites, Apache Open Office, Adobe Acrobat Pro, Adobe Photoshop, Corel, AutoCad

PARTICIPANT AS OFFICIAL SPEAKER TO INTERNATIONAL PROFESSIONAL ACTIVITIES

(selection of the activities only for the last 10 years)

- October 13-16, 2004: Chairman & Speaker, 8th World Summit on Trans - National Crime, Plenary Session “Counterfeiting, Cybercrime and Mafia”, Monte Carlo
- October 19-21, 2004: Speaker to The 38-th World Conference of the Int’l Commission for “e-Government”, Limassol, Cyprus, 19 -21 October 2004
- Nov. 1, 2004: Speaker on: “Electronic ID Cards & Biometric Data”, The IST 2004 Conference, Hague, The Netherlands

- September 2 - 3, 2005: Guest Speaker invited by the National Security Council of the Federal Republic of Nigeria - presenting: "Integrated Security Border Control, Government & Strategic Sites Security Systems", "National Center for Crisis Management", "Technology Against Terrorism"
- Feb. 2006: "Integrated Border Control System for UAE" - Guest Speaker, invited by NSC, Abu Dhabi
- April 2007: Extraordinary Joint Conference European Commission - EESC on the Challenges of The Security on Energy Supply for Business In Europe - Official Speaker of the Committee on: "New Energy Corridors for Business In Europe", Brussels
- May 3-5, 2007: Guest Speaker "The Xth Euro - Asian Economic Forum" - on: "Turkey – The Main Energy Connector between Greater Caspian Region and European Union", Istanbul
- June 8, 2007: Guest Speaker of the German Presidency of the European Union and of the EU Sustainable Development Observatory - on: "Promoting EU Free Web Platform for open debates between Citizens", Berlin.
- June 15, 2007: Guest Speaker of Microsoft EMEA: "The EU Citizens Free Wireless Internet General Interest Public Service - the way to eliminate the Digital Divide", Brussels.
- July 9, 2007: Guest Speaker of the Azerbaijan MoFA with the 10th Guam Anniversary Forum - on: "Strengthening the Relations between European Union and GUAM countries", Baku - Azerbaijan
- October 4-5, 2007: Guest Speaker with the ICT Global Forum in Venice, Italy "Building a new Universal Service - Wireless Internet General Interest Public Service"
- Sept. 15, 2008: Guest Speaker in Baku, Azerbaijan invited by National State Border Service "Feasibility Study for the Integrated Control of the National Borders".
- February 23, 2009: IDEX 2009 Conference, Abu Dhabi – UAE: "Integrated Border Control System for UAE: The Feasibility Study".
- Nov. 14, 2009: EXPOMIL 2009 – Int'l Conference on Defence Industry, Bucharest - Romania: "The Euro-Armaments - A Romanian concept: To a new category of Military Products for the EU Defence Forces"
- Nov. 19, 2009: Guest Speaker with the 2009 ICT Global Forum In Bucharest, Romania: "ICT for Green ICT"
- Nov. 20, 2009: EC & EESC & CEPIS Joint Forum on e - Skills: "Supporting the new European e-Citizen!"
- May 8-10, 2010: XIII Euro-Asian Economic Forum: "New Energy Corridors for EU: Sea Transportation of Natural Gas - CNG versus LNG", Istanbul.
- June 2, 2010: "A new NATO Strategy against Cyber Attacks: Taking Initiative – The need to change our Strategy from Defence to Active Prevention", The Aspen Foundation
- September 2010: Private opinion on "Digital Agenda" launched by EU Commissioner Neelie Kroes in May 2010 - set up under the request of the Director General of DG "Connect"
- November 8-9, 2010: "*e - Inclusion* for Roma children", The ICT Global Forum 2010 "ICT for an empowered society - A smart and innovative World", Washington, D.C.
- April 6-8, 2011: "For a new NATO - EU Common Strategy to fight Cyber Terrorism". The XIV Euro-Asian Economic Forum, Istanbul, Turkey
- May 26-28, 2012: "Maritime Transportation of Natural Gas - CNG versus LNG", XV Euro-Asian Economic Forum, Istanbul, Turkey
- June 13-15, 2012: "Critical Infrastructure Protection against Cyber Terrorist Threats - Study Case: The EU Electricity Transportation Grid", Crans Montana Forum, Baku, Azerbaijan
- February 17-21, 2013: "IDEX 2013 Conference and Exhibition", Abu Dhabi, UAE – For a common EU - NATO Standard on Critical Infrastructure Protection"
- September 16-18, 2013: EU Cyber Security Conference, Brussels: "For a common EU - NATO approach on Cyber Intelligence"
- "Nuclear 2014" - The 7th Annual International Conference on Sustainable Development through Nuclear Research and Education, Vienna University Of Technology – 11-13.06.2014, Vienna, Austria: "Prospects of Space Radiation Environment Simulation by using High Power Laser Infrastructures"
- The 4th IAA Conference on Space Systems as Critical Infrastructure - 6-7.08.2015, Mamaia, Romania: "Critical Infrastructure Protection, Crisis Management and Integrated Security Systems for National Strategic Terrestrial Infrastructure".

PARTICIPATION TO EU INTERNATIONAL ACTIVITIES

EDUCATIONAL ACTIVITY WITH UNIVERSITIES AND POST-GRADUATION INSTITUTES

- September 6-8, 2008: Official EU Observer to the general elections in Kazakhstan - in charge to evaluate and report on the use electronic voting system
- 1971 - 1978: Academy for Military Engineering (AME), Bucharest - Associate Professor - "Long - Distance Telecommunication Systems"
- 1982 - 1984: AME, Associate Professor - "Optical Communications & Fiber Optics"
- 2005 – 2011: The National Defence College of Romania - Associate Professor

Curricula:

- ICT - Supporting the Sustainable Development of the European Union
- A new much stronger and more competitive European Defence Industry - Developing a new category of weapons : The Euro-Armaments
- Geopolitics of Energy in Euro - Asian Region
- EU Security: Science, energy, food, terrorism and culture interdependencies
- The Future of World Aerospace Industry
- Crisis Management Systems & CIP
- Cyber Terrorism
- Intelligent Security Systems for border control and sites protection
- New Technologies fighting Terrorism Threats.

Note: the same curricula was presented to high-level officials as visiting professor during short & medium - term courses organized by the governments of Azerbaijan, Nigeria, UAE etc.

PROFESSIONAL WORK (PUBLISHED)

- 4 scientific books in the area of lasers and laser special applications. e-Government, EU defence industry, ICT for EU Sustainable Development
- Over 40 scientific papers in technical journals
- More than 50 scientific, economic, geopolitics, defence, security etc. presented as guest speaker to various international conferences, forums etc.
- 6 patents in the field of laser special applications, high-frequency laser scanners, electro-optical modulators, optical communications, colour TV broadcasting systems using the sequential decomposition of image by liquid crystal filters.
- 4 EU Strategies in the area of: European Defence Industry, The Role of ICT for Sustainable Development of the European Union, European Airspace Industry and The Evaluation of Digital Agenda - published by the EESC Printing House;
- More than 70 position documents (strategies, evaluations etc. requested by the Commission or the Council) issued as rapporteur, president or member of the EESC study groups, published in the Official Journal of the European Union (2007-2015)

NATIONAL ORDERS & MILITARY CAREER

- "Military Virtue" Order, 1st Class - for 20 years active service in the Romanian Army
- Chevalier of the National Order "For Merit" with Swords - for: "Faithful service with the Gov't of Romania as Minister Secretary of State for Public Administration and Internal Affairs"
- After graduation of the Bucharest Polytechnic Institute - Faculty of Electronics and Telecom-munications, recruited by the Army as Lieutenant engineer (Signal Corp) - scientist with the R&D Institute of the Romanian MoD
- Retired under own request from the active service with the rank of Colonel engineer (Signal Corp) in June 1990 - to start private business according with the new, after - Revolution law
- 2001 - Promoted by Presidential Decree to the rank of Brigade General (Ret.) with Special Telecommunications Services for "The outstanding contribution on the modernisation of the Public Administration of Romania as Secretary of State, author of the National Strategy of Romania on [e-Administration](#)"
- 2003 - Promoted by Presidential Decree to the rank of Major - General (Ret.) with Special Telecommunications Services for: "The outstanding contribution as coordinator of the High – Level Group tasked to elaborate the National Sustainable Development Strategy of Romania "Horizon-2025"

NATIONAL AWARDS - SCIENTIFIC AND PROFESSIONAL

- "The 1982 Romanian Academy Award on Physics" - for: "The outstanding R&D contribution in the field of laser applications and as co-author of the first Romanian scientific monograph on Laser Applications".
- The "2002 Golden Plate Award" of the Romanian ICT Professional Association - as author of "The National Strategy of Romania and the Action Plan on [e-Administration](#)".

Brussels - August 10th, 2015

