Europass Curriculum Vitae

PERSONAL INFORMATION

Name / Surname	COANDA Henri-George
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Nationality	Romanian
Date of birth	21.03.1969
Sex	Male

WORK EXPERIENCE

Dates (from - to)	september 1993 - present
Occupation or position held	Associate Professor (2007 – present), Lecturer (1999 – 2007), Assistant (1996 – 1999), Preparator (1993 - 1996)
Main activities and responsabilities	

- course, seminar and laboratory activities in the disciplines: Integrated digital networks, Digital switching systems, Analog and digital communication techniques, Automation in electronics and telecommunications, Power supplies, Distributed applications, Measurements in telecommunications, Electronic devices and circuits, Medical electronics (Bachelor's degree) respectively Advanced Communication Techniques, Advanced Communication Systems, Integrated Signal Processing Systems, Mobile Telephony Application Development, Advanced Technologies for Embedded Systems, Communications and Interconnecting Devices; (Master's degree);
- managing undergraduate and/or dissertation projects
- participation in admission committees (1997 - present) and diploma, master's, doctoral exams;

- 41 articles of which 21 ISI, 6 BDI, 14 others, according to committee standards 11
- 4 books as author or co-author;
- 118 citations of which 101 ISI and 17 BDI (without self-citations and cross-citations);
- Hirsch factor Google 7, Scopus 6, ISI 6;
- publication impact factor 20.39;
- 20 research contracts funded by the National Research and Development Programs (PN I – IV, MCSI, POC – of which 6 as responsible), 3 POS-DRU type contracts, 1 ROSE, 4 POCU, 2 PNRR, 2 with economic agents, 1 international H2020 project. The following areas of expertise are covered: acquisition and primary processing of process data, signal processing for remote information transmission, remote monitoring and control of industrial processes, communications in local and wide area computer networks, integrated circuit design, audio and video signal processing.

- participation in ERASMUS, SOCRATES, TEMPUS programs
  - May 29 ÷ 31, 2023 - ERASMUS mobility (8 hours of teaching), University of Zaragoza, Polytechnic University School of Teruel - Spain;
  - September 22 ÷ 26, 2019 - ERASMUS mobility (8 hours of teaching), University of Zaragoza, Polytechnic University School of Teruel - Spain;

- April 18 ÷ 22, 2017 - ERASMUS mobility (8 hours of teaching), University of Paris 8, IUT Montreuill - France; MGSI / LISSMA and LINC / LIASD;
- November 16 ÷ 22, 2015 - ERASMUS mobility (8 hours of teaching), University of Paris 8, IUT Montreuill - France; MGSI / LISSMA and LINC / LIASD;
- September 20 ÷ 22, 2015 - SOCRATES mobility (8 hours of teaching), Université de Grenoble - France;
- June 07 ÷ June 14, 2014 - ERASMUS mobility (5 hours of teaching), University of Paris 8, IUT Montreuill - France; MGSI / LISSMA and LINC / LIASD;
- June 2010 - ERASMUS mobility (5 teaching hours), National Conservatory of Arts and Crafts, CNAM Paris
- 22 May ÷ 28 May 2006 - SOCRATES mobility (8 hours of teaching), Université de Grenoble - France; Institut National Polytechnique de Grenoble (INPG) – Ecole Nationale Supérieure d'Ingénieurs Electriciens de Grenoble (ENSIEG), Laboratoire des Images et des Signaux (LIS);
- 23 May ÷ 29 May 2005 - SOCRATES mobility (8 hours of teaching), Université de Savoie - Annecy - France; École Supérieure d'Ingénieurs d'Annecy (ESIA), Laboratoire d'Informatique, Systèmes, Traitement de l'Information et de la Connaissance (LISTIC);
- March 23 ÷ March 30, 2003 - SOCRATES mobility scholarship (8 hours of teaching), Université de Savoie - Annecy - France; École Supérieure d'Ingénieurs d'Annecy (ESIA), Laboratoire d'Informatique, Systèmes, Traitement de l'Information et de la Connaissance (LISTIC);
- March 21 ÷ June 16, 1999 - TEMPUS mobility (training period – personnel retraining); program 11243 "5PMUR" - "Coléges et formation permanente dans 5 Petit et Moyennes Universitéés Roumaines"; Université de Franche-Comté - Besançon - France; Laboratoire d'Informatique de Besançon;

- referee in 18 doctoral committees; president in 12 doctoral committees; member in 5 student-doctoral guidance committees;
- 16 ARACIS evaluations as an expert Committee 11 Engineering Sciences of which 2 institutional;

Name and address of employer	VALAHIA University of Targoviste, Faculty of Electrical Engineering, Department of Electronics, Telecommunications and Power Engineering; B-dul Carol I, no. 2, 130024, Targoviste, Dambovita, Romania
Type of business or sector	Higher technical education
Dates (from - to)	2004 - present
Occupation or position held	Vice-rector (2020 - prezent), Dean (2008 – 2020), Scientific secretary (2004 – 2008)
Main activities and responsabilities	- Vice-Rector – responsible for education and quality assurance at the university - Dean – responsible for the management and leadership of the faculty - Scientific Secretary – Council activity management, admission committee secretary, responsible for scientific events, document management in relation to HRS, financial and accounting services, coordination of international relations activity, verification of staff lists and curricula;
Name and address of employer	University VALAHIA of Targoviste, Electrical Engineering Faculty, Electronic, Telecommunication and Power Engineering Department; B-dul Regele Carol I, nr. 2, Târgovişte, Dâmboviţa, România
Dates (from - to)	2000 - present
Occupation or position held	Technical Director, Research Center for Electrical, Electronic and Information Technology Engineering
Main activities and responsabilities	- Monitoring the activity of the center members, preparing activity reports for the previous year and the activity plan for the following year, preparing the center's self-evaluation report every 5 years for internal or external institutional evaluation; - Takes over the duties of the director and deputy director by delegation, in their absence
Name and address of employer	University VALAHIA of Targoviste, Electrical Engineering Faculty, Electronic, Telecommunication and Power Engineering Department; B-dul Regele Carol I, nr. 2, Târgovişte, Dâmboviţa, România nia

EDUCATION AND TRAINING

Dates (from - to)	June 22 – 26, 2015
Title of qualification awarded	Certificate
Principal subject / occupational skills covered	POS-DRU IMPACT Project (POSDRU/155/1.2/S/139950) – Improving the quality of the national higher education system in line with changes in the knowledge-based society and the dynamics of the labor market; Training modules in university management (35h) – Organizational management

Name and type of organisation providing education and training	University POLITEHNICA of Bucharest, Splaiul Independenţei nr. 313, Sector 6, Bucureşti, România
Dates (from - to)	May 6 – 7, 2011
Title of qualification awarded	Certificate
Principal subject / occupational skills covered	Strategic Project – Improving University Management (IMU), coordinated by UEFISCDI Training Modules in University Management (16h) – University Governance
Name and type of organisation providing education and training	Babes-Bolyai University of Cluj-Napoca, Cluj-Napoca, Romania Coordinating Assoc. Prof.PhD.eng. Cristina Dobrotă
Dates (from - to)	October 31 – November 14, 2009
Title of qualification awarded	Certificate
Principal subject / occupational skills covered	Training course (32h) – Implementation of the Quality Management System (ISO 9001/2008 and SR IWA 2/2009) within the Valahia University of Târgoviște
Name and type of organisation providing education and training	EDGE Consult Romania Coordinating: Rodica Bucuroiu
Dates (from - to)	February 3 – 5, 2004
Title of qualification awarded	Certificate
Principal subject / occupational skills covered	Project 3415 CALIST Internal auditor training modules (18h) – Quality Management Systems ISO 9001/2001. Definitions. Concepts, References • Quality Management System Documents. Internal UPB Documents; • Audit Program Management – ISO 19011. Internal Audit Procedure.
Name and type of organisation providing education and training	University POLITEHNICA of Bucharest, Splaiul Independenţei nr. 313, Sector 6, Bucureşti, România
Dates (from - to)	october 1995 – october 2003
Title of qualification awarded	PhD in Engineering Science – Automatic domaine
Principal subject / occupational skills covered	Protocols for lines with Asynchronous Transfer Mode Hardware and software engineering in ATM technology • activity within the UNIServer project – software application for integrating UNI connections into ATM networks, CNCSIS, contract no. 34967/2000, completed 2003, coordinator prof.dr.ing. Dobrescu R. • internship at the Université de Franche-Comté - Besançon - France; Laboratoire d'Informatique de Besançon. Laboratory and research activity using Fore Runner equipment. • development of applications for multimedia synchronization, PNNI routing, GCRA, etc.
Name and type of organisation providing education and training	University POLITEHNICA of Bucharest, Electronic, Telecommunication and Information Technology Faculty, Splaiul Independenţei nr. 313, Sector 6, Bucureşti, România
Level in national classification	8
Dates (from - to)	september 1988 – june 1993
Title of qualification awarded	Bachelor : Engineer – Communication specialization / Telephony and Data Transmission
Principal subject / occupational skills covered	*fundamentals disciplines*: mathematics, physics, mechanic, chemistry, electrotechnic basics *domaine disciplines*: electronic devices and circuits, integrated digital circuits, integrated analogical circuits, information transmission theory; signals, circuits and systems; *speciality disciplines*: analogic and digital communication techniques; telephony services and systems, switching systems, data communication Dezvoltarea de aplicaţii în Pascal pentru centrala telefonică digitală EWSD (buffer-ul de mesaje); • Development of software products for the IT field, design in various software products for the electronics and telecommunications segments
Name and type of organisation providing education and training	University POLITEHNICA of Bucharest, Electronic, Telecommunication and Information Technology Faculty, Splaiul Independenţei nr. 313, Sector 6, Bucureşti, România
Level in national classification	7

PERSONAL SKILLS
AND COMPETENCES

Mother language	Română

Other languages										

Autoevaluation	Inţelegere				Vorbire				Scriere	
European lavel (*)	Ascultare		Citire		Participare la conversaţie		Discurs			
English	B1	Utilizator independent	B1	Utilizator independent	B1	Utilizator independent	B1	Utilizator independent	B1	Utilizator independent
Franch	C1	Utilizator experimentat	C1	Utilizator experimentat	B1	Utilizator independent	B1	Utilizator independent	B1	Utilizator independent

(*) Common European Framework of Reference for Languages

Social skills and competences

As a result of the functions performed in the professional activity, the following results were achieved:
- teamwork ability;
- good communication skills;
- ability to adapt quickly to different environments

As a result of the functions performed in the professional activity, the following results were achieved:
- experience in leading large, heterogeneous and multilingual teams;
- experience in project/team management;

as follows:

- activity coordinator CISCO Valahia Academy, Târgovişte (2010 ÷ present)
- scientific circle coordinator ISTI - Software Engineering and Information Technology, 2004 ÷ present;
- collection coordinator "Electronics", Bibliotheca publishing house (CNCSIS accredited), Târgovişte, 2003 - 2009;

- guided foreign students:
  - Antoine Bercegeay, *Traitement et de la transmission de signaux analogique et numériques*, 28.03 – 17.06.2011, Ecole de Poitiers;
  - Julien Barreau, *Suivi et analyse des données pour des sources d'énergie distribuée,* 28.03 – 17.06.2011, Ecole de Poitiers;

- coordination of faculty colloquiums
- organization and coordination of Kapsch events - FIEETI, UVT, România:
  - Mark Ossel, *Echeleon – smart energy, smart meters*, ICSTM, Târgovişte, 24.01.2014;
  - Thomas Grieche, *Smart utilities, smart grid, smart cities, smart future*, ICSTM, Târgovişte, 27.03.2014;
- scientific referee:
  - International Conference, Electronics, Computers and Artificial Intelligence - ECAI 2014, 2020;
  - 12th edition of WEC Central & Eastern Europe Regional Energy Forum - FOREN 2014;
  - International Conference on Optimization of Electrical and Electronic Equipment - OPTIM 2014;
  - Applied Sciences (ISSN 2076-3417) (factor de impact 2.474) – din 2020
- member of scientific events committee:
  - International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 2013-2022; în prezent ISI.
  - National Conference on New and Renewable Energy Sources – 2013 - 2019;
  - Student Scientific Circles Communications Session, edition I and regional phase, Piteşti, 9.07.2014,Targoviste, 29.05.2015, Ploieşti 26-27.05.2016, Piteşti 13-14.07.2017, Targoviste 12-13.07.2018, Sibiu 5-6 iunie 2019.
- organizer of scientific events and student scientific communication sessions:
  - Electronics, Computers and Artificial Inteligence Conference, ECAI 2017 (ISI);
  - International Symposium of Electrical Engineering – ISEE 2012, 2014;
  - World Energy System Conference – WESC 2010;
  - Energy Transport and Environment Control Application - ETECA 2009;
  - Academic Days of Science and Technology of Targovishte (annual) - ZAST 2009 – present;
  - Student Scientific Circles Communications Session (SCCSS - IEECC), 2nd edition Targoviste, May 29, 2015 and 5th edition, July 12-13, 2018 and 4 editions in other cities.

Organisational skilles and competences	- member IEEE – Institute of Electrical and Electronics Engineering (2002, 2003, 2007, 2009-present); IEEE SPS – Signal Processing Society (2010 ÷ 2012); IEEE CS – Communication Society (2010 ÷ 2012); IEEE BTS – Broadcast Technology Society (2010 ÷ prezent); IEEE CIS – Computational Intelligence Society (2010 ÷ 2013); SRR – Romanian Robotics Society (2007, 2008 ÷ present); SRAIT – Romanian Society of Automation and Informatics (2008 ÷ present); CNR – CME – Romanian National Committee for the World Energy Commission – scientific committee, commission 13– Smart Grid (2013 ÷ 2016) CRIFST – Romanian Committee for the History and Philosophy of Science and Technology (*Arges Branch*) of the Romanian Academy, associate member (2019 ÷ present)

- developing relations with international organizations:
  - IEEE BTS – Broadcast Technology Society / Chair pentru Chapter BT02, 2010 - 2018;
  - IEEE CIS – Computational Intelligence Society, secretar, 2010 - 2011;
- activity within IEEE:
  - establishment of the BTS chapter, 2010, coordinated by VALAHIA University of Târgovişte;
  - establishment of the CIS chapter, 2010, coordinated by the POLITEHNICA University of Bucharest;
  - meetings presenting IEEE opportunities and values, relationship with students and business agents, relationship with IEEE Romania, attracting and stabilizing members (2010 - present);
  - activity reported in IEEE vTools Meeting System for BTS chapter:
- Activity coordinator for the ARISS EU282 event – First official contact in Romania with an astronaut from the International Space Station, 12.04.2016, http://www.start-tech.ro/ariss/

Technical skills and competences	Development of software products for educational or research use Database management and distributed applications Electronic circuit design of embedded systems Digital signal processing and image processing Application development for LAN and WAN networks
Personal Computer skills and competences	Microsoft Office: Word, Excel, Access and Power Point. Programming in: Pascal, C, Visual C, Visual Basic 6.0, MatLab, NetBeans, Android Studio Design and testing of electronic schemes using: Mikro C/Basic/Pascal, MatLab Simulink, Visual DSP, XILINX ISE/Vivado Design Suite, Pspice, ORCAD, LabView, ISIS – Proteus Industrial application programming: Step 7, WinCC, GT Designer 3, GX Works 3 WEB application design using: HTML, PHP, MySQL OAM for CISCO equipment group coordinator for the creation of the "CD-multimedia presentation of UVT", March 2005 (Visual Basic 6); creator of leaflets promoting UVT faculties and departments, February 2006 (CorelDraw); group coordination for the creation of the "Diploma supplement" module for the QMS software product - Quality Management System, an application used by UVT during the period 2006 - 2011 (later UMS) - application developed in Visual Basic 6 with Access database;