



Curriculum Vitae Europass



Personal information

First name(s) / Surname(s) **Obreja Șerban Georgică**

Nationality Romanian

Gender Male

Desired employment / Occupational field

Work experience

Dates 01/09/1998 - 01/09/2005

Name and address of employer University Politehnica of Bucharest Faculty of Electronics, Telecommunications, and Information Technology, Telecommunications Department
Iuliu Maniu, 1-3, 061071, Bucharest, Romania

Occupation or position held Teaching Assistant

Main activities and responsibilities Seminars and laboratories on Electronic Measurements, Analog and Digital Transmissions, Optical Communications, Adaptive Systems.
Research in Communications Systems field.

Dates 01/09/2005 – 30/09/2021

Name and address of employer University Politehnica of Bucharest Faculty of Electronics, Telecommunications, and Information Technology, Telecommunications Department
Iuliu Maniu, 1-3, 061071, Bucharest, Romania

Occupation or position held Lecturer

Main activities and responsibilities Courses, seminars and laboratories on Electronic Measurements, Analog and Digital Transmissions, Adaptive Systems, Communication Networks, Model Checking.
Research in Communications Networks and Systems field.
Research activity in national and international research projects:
- European IP FP6 contract, "Digital Switchover: Developing Infrastructures for Broadband Access-ATHENA", FP6-507312, 2006-2007.
- European IP FP6 contract, "End-To-End QoS through Integrated Management of Content Networks and Terminals - ENTHRONE", Code 507637, 2005-2008.
- WiMAX Extension to Isolated Research Data networks, FP6 - Integrated project IST-034622-IP, 2006-2008.
- Integrated System for the Mobile User (SIUM), CEEX Contract, 2007-2008.
- Reconfigurable Interoperability of Wireless Communications Systems (RIWCoS). NATO Contract, SfP-982469, 2007-2010.
- ALICANTE (Media Ecosystem Deployment through Ubiquitous Content-Aware Network Environments), Contract No:248652, FP7(2010-2013).
- SMART-net, Contract No: 223937, FP7-STREP (2008-2010)

Dates 01/10/2021 → prezent

Name and address of employer	University Politehnica of Bucharest, Faculty of Electronics, Telecommunications, and Information Technology, Telecommunications Department Iuliu Maniu, 1-3, 061071, Bucharest, Romania
Main activities and responsibilities	Associate Professor Courses, seminars and laboratories on Electronic Measurements, Analog and Digital Transmissions, Communication Networks, Model Checking. Research in Communications Networks and Systems: - Norway grant, A Massive MIMO Enabled IoT Platform with Networking Slicing for Beyond 5G IoT/V2X and Maritime Services, durată 3 ani, 2020-2023, director Marius Vochin. - POC Project, A Business Continuity solution for datacenters, Cod MySMIS: 119879, Nr. contract: 374/390050/29.09.2021, 2021-2023. -Project Manager of the project Smart-Delta - IoT technology platform for the Danube Delta, MySMIS: 121884, Contract: 279 / 25.06.2020, 2020-2023
Dates	15/03/2020 → prezent
Name and address of employer	University Politehnica of Bucharest, Faculty of Electronics, Telecommunications, and Information Technology, Telecommunications Department Iuliu Maniu, 1-3, 061071, Bucharest, Romania
Main activities and responsibilities	Head of the Telecommunications Department
Education and training	
Dates	2000-2009
Title of qualification awarded	PhD Diploma
Principal subjects/occupational skills covered	Quality of Services management for multimedia networks
Name and type of organization providing education and training	University Politehnica of Bucharest Faculty of Electronics, Telecommunications, and Information Technology
Dates	1998 - 1999
Title of qualification awarded	MSE Diploma
Principal subjects/occupational skills covered	Radio, Microwaves and Optical Communications
Name and type of organisation providing education and training	University Politehnica of Bucharest Faculty of Electronics, Telecommunications, and Information Technology Iuliu Maniu, 1-3, 061071, Bucharest, Romania
Dates	1993 - 1998
Title of qualification awarded	BSE Diploma
Principal subjects/occupational skills covered	Electronics, Telecommunications, and Information Technology
Name and type of organization providing education and training	University Politehnica of Bucharest Faculty of Electronics, Telecommunications, and Information Technology

Personal skills and competences

Mother tongue(s)

Other language(s)

Self-assessment

European level ()***English****French****Romanian**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1		C1		B2		C1		C1	
B2		C1		B1		B1		B1	

Social skills and competences

Organizational skills and competences

Managerial competences – Participation in International and National research projects where he coordinated the implementation team.

Director of a research project

Head of the Department

Technical skills and competences

His research interests are data communication, networks and services management, software defined networks, network function virtualization. He has published more than 30 papers in these areas. He has actively participated in several national and EC-funded projects. In some of these projects he was the coordinator of the UPB's implementation team, actively participating in design, development, integration, and validation of the prototypes.

Computer skills and competences

C++, Java, Matlab, Python Programming
 PROMELA language
 Linux

Artistic skills and competences

Other skills and competences

Football, Table Tennis, Cycling, Photography

Driving license

Driving license category B

Additional Information**Annexes**