

## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s) **Marghescu, Ion**  
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Nationality Romanian  
Date of birth  
Gender male

### Work experience

|                                      |   |
|--------------------------------------|---|
| Dates                                | 1995 - Present  |
| Occupation or position held          | Professor   |
| Main activities and responsibilities | Teaching and research activities in Mobile and personal Communications, Digital and analog Signal Processing, Radio communications Systems, Analog and Digital Communications, scientific adviser of licence or Master thesis, scientific advisor of PhD students General manager of the Communications and Signal Processing Research Center; director or team member of more national and European R&D projects |
| Name and address of employer         | University "Politehnica" of Bucharest, Electronics , Telecommunications and Information Technology<br>Faculty, Dept. of Telecommunications, 313, Independentei Blvd. Bucharest  |
| Type of business or sector           | Education   |
| Dates                                | 1991 – 1995   |
| Occupation or position held          | Associate Professor   |
| Main activities and responsibilities | Teaching and research activities in Mobile and personal Communications, Digital and analog Signal Processing, Radio communications Systems, Analog and Digital Communications, scientific adviser of licence thesis, director or team member of more national and European R&D projects   |

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| Name and address of employer                                   | University "Politehnica" of Bucharest, Electronics , Telecommunications and Information Technology<br>Faculty, Dept. of Telecommunications, 313 Independentei Blvd., Bucharest 6   |
| Type of business or sector                                     | Education  |
| Dates  | 1979 – 1990  |
| Occupation or position held                                    | Lecturer   |
| Main activities and responsibilities                           | Teaching, applications and research activities in Mobile and personal Communications, Digital and Analog Signal Processing, Radio communications Systems, Analog and Digital Communications, scientific adviser of licence thesis, director or team member of more national R&D projects |
| Name and address of employer                                   | University "Politehnica" of Bucharest, Electronics , Telecommunications and Information Technology<br>Faculty, Dept. of Telecommunications, 313, Independentei Blvd. Bucharest   |
| Type of business or sector                                     | Education  |
| Dates  | 1968 – 1979  |
| Occupation or position held                                    | Assistant Professor  |
| Main activities and responsibilities                           | Applications (lab activities ar seminars) in Signals, Circuits and Systems, Digital and analog Signal Processing, Antennas and Propagation.  |
| Name and address of employer                                   | University "Politehnica" of Bucharest, Electronics , Telecommunications and Information Technology<br>Faculty, Dept. of Telecommunications, 313, Independentei Blvd. Bucharest   |
| Type of business or sector                                     | Education  |
| <b>Education and training</b>                                  |  |
| Dates  | 1970 – 1979  |
| Title of qualification awarded                                 | PhD degree in Radio Communications   |
| Principal subjects/occupational skills covered                 | Radio Communications Systems and Equipment, Signal Processing in Radio Communications  |
| Name and type of organisation providing education and training | The Polytechnic Institute of Bucharest, Electronics and Telecommunications Faculty   |
| Dates  | October 1962- July 1967  |
| Title of qualification awarded                                 | Engineer, Radiotechniques Specialization   |
| Principal subjects/occupational skills covered                 | Mathematics, Physics, Mechanics, Electrotechniques Basics, Radiotechniques Basics, Television, Information Transmission Theory, Radio Receivers Equipment Radio transmitters, Antennas and Propagation etc.  |
| Name and type of organisation providing education and training | The Polytechnic Institute of Bucharest, Electronics and Telecommunications Faculty   |
| Dates  | September 1958- July 1962  |
| Title of qualification awarded                                 | Baccalaureate  |
| Principal subjects/occupational skills covered                 | High School,   |
| Name and type of organisation providing education and training | High School Vănju Mare, Mehedinți  |
| <b>Personal skills and competences</b>                         |  |

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment

*European level (\*)*

**English**

**French**

**German**

| <b>Understanding</b> |         | <b>Speaking</b> |           |                    |         | <b>Writing</b>    |         |
|----------------------|---------|-----------------|-----------|--------------------|---------|-------------------|---------|
| Listening            |         | Reading         |           | Spoken interaction |         | Spoken production |         |
|                      | good    |                 | Excellent |                    | good    |                   | good    |
|                      | good    |                 | good      |                    | Average |                   | Average |
|                      | Average |                 | Average   |                    | Average |                   | Average |

(\*) [Common European Framework of Reference for Languages](#)

Social skills and competences

A very good team worker;

Organisational skills and competences

Managerial skills: Director of 5 projects supported by CNCSIS, a project supported by ANSTI, a project supported by MEC and World Bank, a project supported by Romanian Academy, a project in the PNII IDEI frame, a project in the PNII Partnership frame; team member in 6 European Projects;  
President of "Electronica 2000" foundation;  
General Manager of The Research Center for Communications and Signal Processing (3CPS);  
Referent for presentations of PhD degree thesis in Romania and abroad;  
Co-chair in more national and international Conferences;  
President of CT 267 Standardization Technical Committee;

Technical skills and competences

Design and testing of communications systems and equipment at the physical layer;

Computer skills and competences

Microsoft Office, MATLAB-Simulink, Simulating Media (OPNET)

Other skills and competences

Driving licence

Diving Licence B Cat.

**Additional information**

Romania Academy Traian Vuia Prize; Agir Prize for the GSM book;  
More than 140 papers published in Technical Journals or in Proceedings of International Conferences (indexed in International Data Bases: ISI, Scopus, IEEE Explore, etc.) and more than 20 books and manuals.

**Annexes**

A List of Recently Published Papers and Books; A list of R&D projects.