PERSONAL INFORMATION

Loretta ICHIM

📍 Rădulescu-Motru Constantin 4, ap. 46, sector 4, Bucureşti 040363, Romania

📱 0040737 084 932

✉ loretta.ichim@upb.ro; loretta.ichim@aii.pub.ro

Sex Female | Date of birth 22/09/1974 | Nationality Romanian

EDUCATION AND TRAINING

1999 - 2006 **Ph.D.**
University POLITEHNICA of Bucharest (Romania)   Level 8 CEC

- Ph.D. thesis: Automatic data processing in virology
- Ph.D. supervisors: Radu Dobrescu, Oswald Hörer

1991 - 1997 **B.Sc.**
University POLITEHNICA of Bucharest (Romania)   Level 6 CEC

- Faculty of Automatic Control and Computers
- Domain: System Engineering
- B.Sc. thesis: Communication procedures in a flexible manufacturing system

WORK EXPERIENCE

2017 - present **Assistant Professor**
Automatic Control and Industrial Informatics Department, UPB, Bucharest (Romania)

- 2016 - 2017 Lecturer
Automatic Control and Industrial Informatics Department, UPB, Bucharest (Romania)
- Courses given: „Fractal techniques in multimedia applications", „Electronic health record",
„Standards for the transmission of information in medical informatics systems"

2006 - 2007 **Researcher - Postdoctoral Fellow**
University POLITEHNICA of Bucharest (Romania)

- Coordinator: Radu Dobrescu
- Postdoctoral school with the theme: Applications of fractal analysis in image processing

2006 - present **Senior Researcher**
"Stefan S. Nicolau" Institute of Virology, Bucharest (Romania)
Department of Education, Documentation and IT

- 2005 - 2006 Researcher
- 1998 - 2005 Assistant Researcher
- Theoretical, applied scientific research activities in the bioinformatics / biomedical field

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
French	A2	A2	A2	A2	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Professional skill	▪ Good knowledge of the activities that involve theoretical, applied scientific research in the field of complex image processing with applications in different fields, data and signal processing, fractal analysis, documentation, preparation of periodic and final reports for projects, writing scientific research papers.

Organizational skills	▪ Member in the commissions for guiding the elaboration of the scientific research reports / reports of the students from all stages of higher education: bachelor's, master's and doctoral; ▪ Organizing member of special sessions / invited at international profile conferences. ▪ Member in the scientific and organizing committees of international conferences.

Digital skills	▪ C, C++, Java ▪ Matlab, Microsoft Office Packages

ADDITIONAL INFORMATION
Publications

- 4 books and 2 book chapters in recognized publishers (national and international);
- ISI journal research papers (9) with impact factor (over 15);
- ISI conference proceedings papers (75): 5 papers published at conferences classified as type A (according to CORE - Portal); 5 papers published at type B conferences (according to CORE - Portal); and 3 papers published at conferences classified as type C (according to CORE - Portal);
- BDI journal papers (7);
- Research papers published in the volumes of conferences indexed in other international databases (17) - (Scopus, Elsevier, IEEE Xplore, DBLP, Index Copernicus etc.);
- Citations in journals and volumes of some scientific manifestations - ISI (over 50);
- Research papers published in journals and volumes of some ISI scientific events awarded (4);
- Patents (2);
- Book editor (1).

Projects

- Responsible for 4 national research projects;
- Project manager GEX / UPB: 22/2017 "Complex methods of segmentation of colour textures (SET)"
- Member in national research projects, European projects and projects with structural funds (15 projects) in the technical field and (6 projects) in the medical field.

International visibility

- Member in the scientific committees and organizing committees of national and international scientific events (over 20);
- Scientific reviewer in journals with impact factor (over 10);
- Scientific reviewer at conferences, symposiums and workshops indexed in databases (over 30);
- Special and invited session organizer at international conferences (over 15);
- Associate editor at international conferences (5).

Awards

- ISI journal research papers (2);
- Conference research papers (2).

Grants

- Granted by Scientific Committee of the Fifth International Symposium - Fractals in Biology and Medicine 2008, Locarno, Switzerland;
- Research Fellow in ERRIC FP7-REGPOT-2010-1 No. 264207 project.

Professional affiliations
- IEEE member (Institute of Electrical and Electronics Engineers).
- APNNS member (Asia Pacific Neural Network Society).
- Member of the National Commission for Antarctic Research (CNCA) under the coordination of the Romanian Academy - coordinator of the national data centre.

Date
20.01.2020

Loretta ICHIM