

PERSONAL INFORMATION

Ioan-Cătălin Drăgoi



✉ catalin.dragoi@valahia.ro

Sex Male | Date of birth 11 March 1987 | Nationality Romanian

PROFESSIONAL EXPERIENCE

2016–2020 **Assistant Professor**

Faculty of Electronics, Telecommunications and Information Technology, Valahia University of Târgoviste (Romania)

October 2020 – Present **Lecturer**

Faculty of Electronics, Telecommunications and Information Technology, Valahia University of Târgoviste (Romania)

EDUCATION AND TRAINING

2012–2016 **PhD thesis**

Valahia University of Târgoviste

Electrical Engineering - Engineering sciences

PhD thesis: Prediction improvement for reversible watermarking

2010–2012 **MSc degree**

Valahia University of Târgoviste

Electrical Engineering - Advanced Telecommunications, Information Processing and Transmission Systems

Master's thesis: Reversible watermarking based on adaptive interpolation

2006–2010 **Engineer in Applied Electronics**

Valahia University of Târgoviste

Electrical Engineering - Applied Electronics

Thesis: Fast algorithm for local histogram specification

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	B1	B1	C1
German	B1	B1	B1	B1	B1

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

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Independent user	Independent user

Digital competences - Self-assessment grid

Additional Information

- Author/co-author of five papers published in ISI journals (Q1) and 20 papers in international conferences;
- Over 400 citations;
- Hirsch index: 6 Google Scholar, 4 Scopus, 3 Web of Science;
- PI in two national projects:
 - LOW-2G, Local prediction Watermarking – Second Generation, PN-III-P1-1.1-PD2016-1666, 2018-2020
 - CREED, Contributions to reversible data hiding in the encrypted domain, PN-III-P1-1.1-PD-2019-1165, 2020 - Present
- Team member in five national projects:
 - reversible Watermarking: Advanced Techniques, PN-III-P4-ID-PCE-2016-0339, 2017-2019;
 - New methods and investigations protocols for the early diagnosis, efficient screening, prognostic and therapy of non-melanoma skin cancers based on existing and novel micro & nano optical tools, PN-II-PT-PCCA-2011-3.2-1162, 2012-2016;
 - Contributions to REversible data hiding in the Encrypted Domain, PN-III-P1-1.1-PD-2019-1165, 2020 – Present;
 - Methods of prediction of infantile hemangiomas evolution, aimed at preventing disfiguring complications by multiple intervention procedures, PN-II-PT-PCCA-2013-4-0201, 2014-2017;
 - Intelligent system for management, monitoring and maintenance of pavements and roads using modern imaging techniques PN-II-PT-PCCA-2013-4-1762, 2014-2017.
- IEEE Membership since 2013;
- Reviewer for IEEE Trans. on Cybernetics, IEEE Trans. on Image Processing, IEEE Trans. on Image Processing, IEEE Trans. on Information Forensics and Security, IEEE Signal Processing Letters, Journal of Visual Communication and Image Representation;