

## INFORMAȚII PERSONALE

**Cosmin Ancuți** [cosmin.ancuti@upt.ro](mailto:cosmin.ancuti@upt.ro)

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Google Scholar : <https://scholar.google.ro/citations?user=zVTqt8IAAAAJ&hl=en>

## EXPERIENȚA PROFESIONALĂ

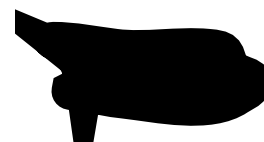
- 2022 Feb- prezent **Profesor**, in Departamentul Comunicatii, Facultatea de Electronică, Telecomunicații și Tehnologii Informaționale, UPT
- 2012 Oct. -2022 **Sef Lucrari** in Departamentul MEO, ETcTI, UPT
- 2009 Aug.-2012 Oct. **Cercetator experimentat** Hasselt University si part time (50%) la INTEL Flanders HPC Lab IMEC, Leuven, Belgia
- Oct. 2005 – Jul. 2009 **Cercetator doctorand** la Expertise of Digital Centrum Media (EDM), Hasselt University, Belgia
- 2002 Oct. -2005 Sept. **Inginer SW** - Siemens VDO AG (Continental AG) Timisoara

## EDUCAȚIE ȘI FORMARE

- 2014 Jul. **Atestat de Abilitare** in domeniul inginerie electronica si telecomunicatii - Facultatea de Electronica si Telecomunicatii, Universitatea Politehnica Timisoara
- 2009 Jul. **Diploma de Doctor**, Hasselt University, Belgia
- 2002-2003 **Diploma de Master**, Facultatea de Automatica si Calculatoare, Universitatea Politehnica Timisoara
- 1997-2002 **Diploma de Inginer**, Facultatea de Electronica si Telecomunicatii, Universitatea Politehnica Timisoara

## PROIECTE DE CERCETARE

- Director de proiect**
- „Move-In-Louvain” Grant co-financed by Marie Skłodowska-Curie EU programme. UCL, Belgia (2015-2017);
  - PN-III-P2-2.1-PED-2016-0940- "Dezvoltarea unui robot autonom subacvatic (AUV) accesibil pentru cautare, inspectie si mentenata in ape subacvatice turburi" (2016-2017) ;
  - PN-III-P2-2.1-PED-2019-2805 - "Inspection of highly scattered and artificially illuminated underwater scenes using OpenROV Trident" 2020-2022;



## ACTIVITATE DIDACTICA

- Machine Learning;
- Image Processing (2015-2016, Universitatea Bremen);
- Arhitectura Retelelor de Calculatoare;
- Computer Vision (Vedere Artificiala);
- Senzori si Actuatori;
- Experimental Data Processing;

## COMPETENTE

Limbi straine	Limba Engleza (fluent);
Limbaje de programare	Python, C/C++, Matlab/Simulink, VHDL, Labview;
Persmis Conducere	Categoria B

## INFORMATII SUPLIMENTARE

### Premii:

- Premiul Academiei Romane "Gheorghe Cartianu" 2020;
- Best Paper Award , IEEE CVPR (NTIRE 2017 workshop) „*Locally Adaptive Color Correction for underwater Image Dehazing and Matching*”;

**Evaluator expert proiecte:** Comisia Europeana (4HDR project) si UEFISCDI (Rep. Moldova);

**Editor Invitat** al “*Advanced Optical Imaging for Extreme Environments*” -Sectiune speciala a IEEE ACCESS Multidisciplinary Journal (**impact factor 4.098**), 2018-2019;

**Co-organizator a workshop-ului NTIRE IEEE CVPR 2018, 2019, 2020, 2021:** *New Trends in Image Restoration and Enhancement*;

**Organizator al workshop-ului NTIRE 2018, 2019, 2020, 2021** **competitia de dehazing**;

**Recenzent** pentru revistele IEEE Transactions on Image Processing, IEEE Transactions on Circuits and Systems for Video Technology, IEEE Transactions on PAMI, IEEE TMM, IEEE Transactions on Instrumentation and Measurement, ACM Transaction on Graphics si pentru conferintele de top: IEEE Computer Vision and Pattern Recognition (**CVPR**), IEEE International Conference on Computer Vision (**ICCV**), European Conference on Computer Vision (**ECCV**); British Machine Vision Conference (**BMVC**);

### Publicatii relevante:

- Cosmin Ancuti, Codruta O. Ancuti, and Philippe Bekaert, "Enhancing Underwater Images and Videos by Fusion", In Proc. IEEE **Computer Vision and Pattern Recognition** (IEEE CVPR), USA, June 2012
- Cosmin Ancuti, Codruta O. Ancuti, M. Sbert and Christophe De Vleeschouwer “Color Channel Compensation (3C): A fundamental pre-processing step for image enhancement”. **IEEE Transactions on Image Processing**, Noiembrie 2019, impact factor 10.86 (Q1).
- Cosmin Ancuti, Codruta O. Ancuti, Christophe De Vleeschouwer and Alan C. Bovik , "Night-time dehazing by fusion. ". In IEEE ICIP, ISBN: 978-1-4673-9961-6, ISSN: 2381-8549, Phoenix, USA, Sept., 2016
- Codruta O. Ancuti, Cosmin Ancuti, Philippe Bekaert and Christophe De Vleeschouwer “Color balance and fusion for underwater image enhancement”. **IEEE Transactions on Image Processing**, January, 2018, impact factor 10.86 (Q1).
- Codruta O. Ancuti, Cosmin Ancuti, "Single image dehazing by multi-scale fusion ". **IEEE Transactions on Image Processing**, 22(8):3271-82, Aug, 2013, impact factor 10.86 (Q1).
- Codruta O. Ancuti, Cosmin Ancuti, Christophe De Vleeschouwer and Alan C. Bovik “Single-Scale Fusion: An Effective Approach to Merging Images”. **IEEE Transactions on Image Processing**, Oct., 2016, impact factor 10.86 (Q1).
- Codruta O. Ancuti, Cosmin Ancuti, Christophe De Vleeschouwer, Mateu Sbert “Color Channel Transfer for Image
- Cosmin Ancuti, Codruta O. Ancuti and Philippe Bekaert, "Deblurring by Matching". **In Computer Graphics Forum** ,Vol. 28, Nr. 2, pp. 619 – 628, 2009, impact factor 2.373 (Q1).