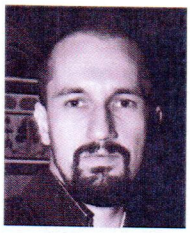
europass Curriculum Vitae

INFORMAŢII PERSONALE

Florea, Corneliu Nicolae



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http://imag.pub.ro/common/staff/cflorea/

EXPERIENŢA PROFESIONALĂ

Septembrie 2019 - prezent

Profesor universitar

Universitatea Politehnică Bucureşti (www.pub.ro), Facultatea de Electronică, Telecomunicaţii şi Tehnologia Informaţiei (www.electronica.pub.ro), Departamentul de Electronică Aplicată şi Ingineria Informaţiei

Activităţi şi responsabilităţi:

- Prelegeri de curs : Decizie şi estimare în prelucrarea informaţiei, Machine Learning pentru Aplicatii Vizuale, Ingineria Sistemelor cu Inteligenta Artificiala, Fundamente ale Computer vision si Machine Learning
- Aplicaţii de seminar şi laborator la: Decizie şi estimare în prelucrarea informaţiei, , Interfatarea vizuala om-masina, Fotografie computaţională; Machine Learning pentru Aplicatii Vizuale

Tipul sau sectorul de activitate Învăţământ universitar

Februarie 2015 - 2019

Conferenţiar universitar

Universitatea Politehnică Bucureşti (www.pub.ro), Facultatea de Electronică, Telecomunicaţii şi Tehnologia Informaţiei (www.electronica.pub.ro), Departamentul de Electronică Aplicată şi Ingineria Informaţiei

Activităţi şi responsabilităţi:

- Prelegeri de curs : Decizie şi estimare în prelucrarea informaţiei, Prelucrarea si Analiza Imaginilor color, Interfatarea vizuala om-masina, Fotografie Computationala
- Aplicaţii de seminar şi laborator la: Decizie şi estimare în prelucrarea informaţiei, , Interfatarea vizuala om-masina, Fotografie computaţională; Machine Learning pentru Aplicatii Vizuale

Tipul sau sectorul de activitate Învăţământ universitar

2011 - 2015

Sef de lucrări

Universitatea Politehnică Bucureşti (www.pub.ro), Facultatea de Electronică, Telecomunicaţii şi Tehnologia Informaţiei (www.electronica.pub.ro), Departamentul de Electronică Aplicată şi Ingineria Informaţiei

Activităţi şi responsabilităţi:

- Prelegeri de curs la : Decizie şi estimare în prelucrarea informaţiei, Prelucrarea si Analiza Imaginilor color, Interfatarea vizuala om-masina.
- Aplicaţii de seminar şi laborator la: Prelucrarea imaginilor, Analiză de Imagini, Prelucrarea şi analiza imaginilor, Image processing, Teoria transmisiunii informaţiei 1 şi 2, Decizie şi estimare în prelucrarea informaţiei, Arhitecturi pentru semnale multidimensionale, Interfatarea vizuala om-masina

Tipul sau sectorul de activitate Învăţământ universitar

2006 - 2011

Asistent Universitar

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Universitatea Politehnică Bucureşti (www.pub.ro), Facultatea de Electronică, Telecomunicaţii şi Tehnologia Informaţiei (www.electronica.pub.ro), Departamentul de Electronică Aplicată şi Ingineria Informaţiei

Activităţi şi responsabilităţi:

- Aplicaţii de seminar şi laborator la: Prelucrarea imaginilor, Analiză de Imagini, Prelucrarea şi analiza imaginilor, Image processing, Teoria transmisiunii informaţiei 1 şi 2, Decizie şi estimare în prelucrarea informaţiei, Arhitecturi pentru semnale multidimensionale

Tipul sau sectorul de activitate Învăţământ universitar

2004 - 2006

Preparator Universitar

Universitatea Politehnică Bucureşti (www.pub.ro), Facultatea de Electronică, Telecomunicaţii şi Tehnologia Informaţiei (www.electronica.pub.ro), Catedra de Electronică Aplicată şi Ingineria Informaţiei

Activităţi şi responsabilităţi:

- Aplicaţii de seminar şi laborator la: Aplicaţii de seminar şi laborator la: Prelucrarea şi analiza imaginilor, Teoria transmisiunii informaţiei 1 şi 2

Tipul sau sectorul de activitate Învăţământ universitar

Aprilie –decembrie 2018

Senior researcher computer vision

S.C. OFFLINE.AI S.R.L.
Activităţi de cercetare, dezvoltare şi testare de algoritmi software pentru sisteme autonome de monitorizare prin flux video a proceselor dinamice
Tipul sau sectorul de activitate Cercetare

2005 – martie 2018

Inginer software; Researcher, Senior Researcher, Consultant

Fotonation România SRL(https://www.fotonation.com/)/Digitaloptics Corporation Europe S.R.L/Tessera Inc. Xperi Inc. (https://www.xperi.com/)
Activităţi de cercetare, dezvoltare şi testare de algoritmi software pentru sisteme autonome de analiza de imagini incorporati in dispozitive autonome (camere fotografice, telefoane mobile. etc.) monitorizare prin flux video a proceselor dinamice

Tipul sau sectorul de activitate Cercetare

EDUCAŢIE ŞI FORMARE

Decembrie 2016

Abilitare

de a conduce doctorate conferită prin ordin MEN No. 5976 / 08.12.2016
În urma evaluării și susținerii publice a lucrării "Human Centered Approaches to Computer Vision

Mai 2014 - Dec 2015

Postdoctorat

Postdoctorand în Electronică Telecomunicații si Ingineria Informatiei, Universitatea Politehnica București, România
Tema: "Identificarea automată a intensității durerii în imagini faciale"

Decembrie 2011

Certificat de finalizare a cursului Project Management

Plannificarea ea, monitorizarea şi execuţia proiectelor . Curs organizat de Trilex

2004-2009

Doctorat

Doctor în ştiinţe inginereşti in domeniul Electronică Telecomunicații si Ingineria Informatiei, Universitatea Politehnica Bucureşti, România
Lucrarea: ""Reprezentări neliniare şi operaţii punctuale pentru îmbunătăţirea imaginilor achiziţionate cu camere fotografice digitale". Calificativ: foarte bine
Nivelul EQF - 8

1999-2004

Inginer Electronică

Inginer diplomat, profil Electronic, specializare: Calculatorare si Ingineria Informației
Discipline studiate: Prelucrarea şi analiza imaginilor, Sisteme de operare, Calcul paralel, Programare obiect orientată, Televiziune etc
Media generala: 9.45
Nivelul EQF – 7 (echivalent ciclul doi de studii universitare/master)

martie - iulie 2004

Pregatire lucrare licență

Stagiu pentru realizarea proiectului de diplomă în cadrul programului Socrates, finalizat cu lucrarea "Vizualizarea datelor dinamice multidimensionale". Nota licență : 10.00
Universitatea Catolică Radboud din Nijmegen, Olanda

2000-2004

Pregătire psihopedagogică

Certificat de absolvire al Departamentului pentru pregătirea personalului didactic
Discipline absolvite: Psihologie educaţională, Filozofie educaţională, Teoria şi practica predării, etc
Universitatea Politehnică Bucureşti

1995-1999

Liceu

Discipline studiate: Matematică, Informatică, Fizică, etc.
Medie examen bacalaureat 9.30
Liceul teoretic "Grigore Moisil", Bucureşti, secţia Informatică

COMPETENTE PERSONALE

Limba(i) maternă(e): Română

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversaţie	Discurs oral	
Engleză	C2 - UTILIZATOR EXPERIMENTAT	C2 - UTILIZATOR EXPERIMENTAT	C2 - UTILIZATOR EXPERIMENTAT	C2 - UTILIZATOR EXPERIMENTAT	C2 - UTILIZATOR EXPERIMENTAT
Franceză	B1- UTILIZATOR INDEPENDENT	B1- UTILIZATOR INDEPENDENT	A1 - UTILIZATOR ELEMENTAR	A1- UTILIZATOR ELEMENTAR	A1 - UTILIZATOR ELEMENTAR

Competenţe organizaţionale/manageriale

Absolvire curs de Project managment:

- leadership (în prezent, sunt responsabil/ă de o echipă de 5 persoane)
- Lucrul în echipă şi capacitate de adaptare la medii multiculturale: am acumulat experienţa muncii într-o echipă formată din persoane de diverse naţionalităţi încă din facultate, când mi-am elaborat lucrarea de diplomă în Olanda, iar apoi am consolidat această experienţă lucrând în cadrul unei companii multinaţionale - Fotonation, precum şi lucrând cu parteneri străini în proiecte europene în cadrul Universităţii Politehnica Bucureşti

Competenţe digitale

AUTOEVALUARE				
Procesarea informaţiei	Comunicare	Creare de conţinut	Securitate	Rezolvarea de probleme
UTILIZATOR EXPERIMENTAT	UTILIZATOR EXPERIMENTAT	UTILIZATOR EXPERIMENTAT	UTILIZATOR EXPERIMENTAT	UTILIZATOR EXPERIMENTAT

- O bună stăpânire a mediilor de dezvoltare Python/Matlab, a limbajelor de programare C, C++, Pascal Python, precum şi a prelucrării imaginilor în Adobe Photoshop şi GIMP

Permis de conducere: Categoria B

INFORMATII SUPLIMENTARE

Anexe: Lista de lucrări si proiecte

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Florea Corneliu Nicolae

Lista de Publicaţii

Teza de abilitare

"Human Centered Approaches to Computer Vision", University „Politehnica" of Bucharest, 2016

Teza de doctorat

"Non-linear Image Representation and Pixel-wise Processing for Enhancing Images Acquired with Digital Cameras", University „Politehnica" of Bucharest, 2009

Volume sau capitole în colume

1. **C. Florea;** L. Florea: "Prelucrarea statistică a informaţiei - îndrumar de laborator", Ed. MatrixRom, Bucharest, Romania, 2008. ISBN978-973-755-367-6
2. **C. Florea**, B Ionescu, C. Vertan: "Computer Vision - Tehnici de calibrare a camerei digitale si analizei informatiei vizuale", Editura MatrixRom, Bucuresti, Romania, 2013. ISBN978-973-755-942-5
3. C. Vertan, M. Ciuc, M. Zamfir, **C. Florea**, L. Florea, A. Sultana, T. Radulescu: "Prelucrarea si analiza imaginilor digitale - elemente fundamentale si aplicatii avansate", Editura MatrixRom, Bucuresti, Romania, 2013. ISBN978-973-755-367-6
4. C.Vertan, **C. Florea:** "Achizitia si prelucrarea imaginilor color", Editura Politehnica Press, Bucuresti 2013, ISBN 978-606-515-476-6
5. **Corneliu Florea**, Mihai Ciuc "Analiza fetei umane" - editura Politehnica Press, Bucuresti 2016, ISBN 978-606-515-1, 221 pag. Cod CNCSIS 19,
6. L.Florea, **C. Florea**:"Sisteme software pentru prelucrarea imaginilor", Editura Politehnica Press, Bucuresti 2013, ISBN 978-606-515-474-2
7. L. Florea, **C. Florea**, C. Vertan, "Extended Eye Landmarks Detection for Emerging Applications« în M. Kawulok et al. (eds.), "Advances in Face Detection and Facial Image Analysis", DOI 10.1007/978-3-319-25958-1_15 Springer International Publishing Switzerland, ISBN (hardcover): 978-3-319-25956-7, ISBN(eBook): 978-3-319-25958-1.
8. **C. Florea,** Laura Florea, Constantin Vertan "Computer Vision for Cognition - An Eye Focused Perspective " in "Computer Vision for Assistive Healtcare, eds. Leo Marco, Giovanni Maria Farinella, Elsevier Academic Press 2018 ISBN (HardCover): 978-012-813-4450 , aprilie 2018, cap. 2 pag 51-73 (24 pag)

Articole

In journale ISI

1. Laura Florea, **Corneliu Florea**, Constantin Vertan, Alina Sultana "Automatic Tools for Diagnosis Support of Total Hip Replacement Follow-up" in Advances in Electrical and Computer Engineering, No. 4, 2011, Pp. 55 – 62,
2. **Corneliu Florea**, Laura Florea, "Parametric Logarithmic Type Image Processing for Contrast Based Auto-Focus in Extreme Lighting Conditions", in *International Journal of Applied Mathematics and Computer Science*, Vol. 23, No. 3, 637 – 648, 2013
3. **Corneliu Florea**, Laura Florea, „Logarithmic Type Image Processing Framework for Enhancing Photographs Acquired in Extreme Lighting" in *Advances in Electrical and Computer Engineering*, Vol. 13, No. 2, pp. 97-104, 2013,
4. Peter Corcoran, Cosmin Stan, **Corneliu Florea**, Mihai Ciuc, Petronel Bigioi, „Digital Beauty: The good, the bad, and the (not-so) ugly" IEEE Consumer Electronics Magazine, Vol: 3 (4) DOI: 10.1109/MCE.2014.2338573 2014 , Page(s): 55 - 62,
5. Razvan Condorovici, **Corneliu.Florea**, Constantin Vertan "Automatically Classifying Paintings with Perceptual Inspired Descriptors", *Journal of Visual Communication and Image Representation*, in Vol. 26 , pp. 222–230, 2015
6. Ruxandra Vranceanu, **Corneliu Florea** , Laura Florea, Constantin Vertan, "Gaze Direction Estimation by Component Separation for Recognition of Eye Accessing Cues", in *Machine Vision Application* DOI :10.1007/s00138-014-0656-8, Vol. 26(2-3), pp 267-278, 2015
7. Laura Florea, **Corneliu Florea**, Corneliu Vertan, "Robust Eye Centers Localization with Zero-Crossing Encoded Image Projections" in *Pattern Analysis and Applications*, 20(1), 127-143, 2017, DOI 10.1007/s10044-015-0479-x
8. **Corneliu Florea**, Constantin Vertan; Laura Florea "High Dynamic Range Imaging by Perceptual Logarithmic Exposure Merging", in *International Journal of Applied Mathematics and Computer Science* (AMCS) in 2015, Vol. 25, No. 4, pp. 943-954, DOI: 10.1515/amcs-2015-0067
9. Raluca Boia, **Corneliu Florea**, Laura Florea, Radu Dogaru, "Logo localization and recognition in natural images using homographic class graphs", *Machine Vision and Applications* 2016, Volume 27, Issue 2, pp 287–301
10. Laura Florea,**Corneliu Florea**, Constantin Vertan, "Recognition of the gaze direction: Anchoring with the eyebrows", Journal of Visual Communication and Image Representation, Vol 35, pp. 67-77, 2016
11. **Corneliu Florea**, Laura Florea , Raluca Butnaru, Alessandra Bandrabur, Constantin Vertan "Pain Intensity Estimation by a Self–Taught Selection of Histograms of Topographical Features" , *Image and Vision Computing, Vol. 56, 2016, Pages 13–27,*

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12 Banadrabur, A., Florea, L., **Florea, C**. and Mancas, M., Late fusion of facial dynamics for automatic expression recognition. Turkish Journal of Electrical Engineering and Computer Sciences, 2017 25, (2017), 2696-2707 (ISI impact factor 0.578)

13 M. Badea, **C. Florea** , L. Florea, C. Vertan "Can We Teach Computers to Understand Art? Domain Adaptation for Enhancing Deep Networks Capacity to De-Abstract Art"*Image and Vision Computing* Journal, Volume 77, September 2018, Pages 21-32

14 **C. Florea**, F. Gieseke "Artistic Movement Recognition by Consensus of Boosted SVM Based Experts"*Journal of Visual Communication and Image Representation,* 2018, Volume 56, October 2018, Pages 220-233

15 C Vertan, **C Florea**, L Florea „A Parametric Logarithmic Image Processing Framework Based on Fuzzy Graylevel Accumulation by the Hamacher T-Conorm" Sensors 21 (14), 4857

16 Laura Florea, **Corneliu Florea**, "Directed color transfer for low-light image enhancement", Digital Signal Processing, Volume 93, 2019, Pages 1-12,

În jurnale internaționale

1 Alina Oprea, Constantin Vertan, **Corneliu Florea** , Laura Florea "A Logarithmic-like Image Processing Framework for Biomedical Image Enhancement", in Scientific Journal of University "Politehnica" of Timisoara, Electronics and Telecommunications Series, Vol 53(67), No. 1-2, 2008, pp. 66-69.

2 **Corneliu Florea**, Constantin Vertan "Piecewise linear approximation of logarithmic image processing models for dynamic range enhancement", Scientific Bulletin of University "Politehnica" of Bucuresti, Electronics and Telecommunications, series C, Vol. 71, Iss. 2, 2009, pp. 3-15

3 Ruxandra Vranceanu, Laura Florea, **Corneliu Florea** „A Computer Vision Approach for the Eye Accessing Cue Model Used in Neuro-Linguistic Programming" in Scientific Bulletin of University "Politehnica" of Bucuresti, Electronics and Telecommunications, series C, Vol. 75, Iss. 4, 2013, pp. 79-90,

4 **Corneliu Florea**, Constantin Vertan; Laura Florea "TESPAR-Based 2D Shape Recognition ", in Scientific Bulletin of University "Politehnica" of Bucuresti, Electronics and Telecommunications, series C, Vol. 78, Iss. 2, 2016, Page 79-88

5 Alessandra Bandrabur, Laura Maria Florea, Raluca Boia, **Corneliu Florea**: "Automatic Robust Localization of Eye Related Landmarks", Buletinul Stiintific al Universitatii Politehnica Bucuresti (SciBul), Seria C, Vol. 77, Iss. 4, pp. 223-234

In the volumele unor conferente internationale

1 L. Sîrbu, J. Thijssen, **C. Florea**, V. Buzuloiu, C. deKorte: "Automatic Segmentation of the Heart Muscle from Echocardiographic Images", în Proceedings International Symposium on Signals, Circuits and Systems ISSCS, vol. 1, pp. 39-43 (ISBN 0-7803-9029-6), Iaşi, România, 2005.

2 Constantin Vertan, **Corneliu Florea**, Lavinia Darlea "Fuzzy and Geometrical Aproach to Luminance-Invariant Color Edge Detection" in Proc. Ia Communications 2006, Bucuresti, Romania, June 2006, pp. 197-200.

3 L. Florea, C. Vertan, **C. Florea**, A. Oprea: "Digital Acquisition and Remote Investigation of Film Radiographies of Total Hip Prostheses", MedInfo, pp. 411, Sibiu, Romania, 2007.

4 L. Florea, C. Vertan, **C. Florea**, A. Oprea: "Dynamic Range Enhancement of Consumer Digital Camera Acquired Hip Prosthesis Xray Images", EUSIPCO, pp. 1103-1106, Poznan, Poland, 2007.

5 **C. Florea**, C. Vertan, L. Florea: "Logarithmic Model-based Dynamic Range Enhancement of Hip Xray Images", ACIVS, vol. LNCS 4678, Eds. J. Blanc-Talon et al, pp. 587-596, Delft, Netherlands, 2007.

6 **Corneliu Florea**, Constantin Vertan "Dynamic Range Enhancement in Digital Camera Acquisition of Prostheses Hip Xrays" in Proc. Ia ISSCS 2007, Iasi, Romania, July 2007, vol. 1, pp. 1-4.

7 **Corneliu Florea**, Felix Albu, Constantin Vertan, Alexandru Drimbarean "Logarithmic Tools for In-camera Image Processing", in Proc. Ia 16th IET Irish Signals and Systems Conference ISSC2008, Galway, Ireland, June, 2008, pp. 394-399.

8 Felix Albu, **Corneliu Florea**, Adrian Zamfir, Alexandru Drimbarean, "Low Complexity Global Motion Estimation Techniques for Image Stabilization", in Proc. La ICCE 2008, Las Vegas, USA, January 9-13 2008, pp. 465-467, ISBN 1-4244-1459-8.

9 C. Vertan, A. Oprea, **C. Florea**, L. Florea: "A Pseudo-Logarithmic Image Processing Framework for Edge Detection", ACIVS, vol. 5259, pp. 637-644, Juan-les-Pins, France, 2008.

10 L. Florea, C. Vertan, **C. Florea**: "3D Femoral Bone Approximation in Prosthesed Hip Radiographies", IEEE International Conference on Intelligent Computer Communication and Processing ICCP, pp. 75-82, Cluj, România,

11 **C. Florea**, C. Vertan, L. Florea, A. Oprea: "On the Use of Logarithmic Image Processing Models in Total Hip Prostheses X-ray Visualization and Analysis", Medical Image Understanding and Analysis MIUA, pp. 127-131, Dundee, United Kingdom, 2008.

12 L. Florea, **C. Florea**, A. Oprea, C. Vertan: "Automatic Fit Estimation of the Femoral Component of a Hip Prosthesis in Digitized Radiographies", Communications, pp. 121 – 124, Bucureşti, România, 2008.

13 **C. Florea**, C. Vertan, L. Florea: "Hip Prosthesis X-Ray Image Processing by LIP Exposure Prediction", Communications, pp. 111 – 114, Bucureşti, România, 2008.

14 C. Vertan, L. Florea, **C. Florea**, A. Oprea, M. Popescu, S. Cristea: "Clinical-radiological correlation of the fit of the femoral component of a hip prosthesis: THA follow-up by digital X-ray image processing", EFORT Congress, Nice, France, 2008.

15 Felix Albu, Constantin Vertan, **Corneliu Florea**, Alexandru Drimbarean "One Scan Shadow Compensation and Visual Enhancement of Color Images", in Proc. Ia ICIP 2009, Caro, Egypt, November, 2009, pp. 3133-3136.

16 A. Sultana, M. Ciuc, L. Florea, **C. Florea**: "Detection of Mammographic Microcalcifications Using a Refined Region-Growing Approach", IEEE International Symposium on Signals, Circuits and Systems ISSCS, vol. 1, pp. 229-233, Iulie, Iaşi, România, 2009.

17 **C. Florea**, C. Vertan, L. Florea, A. Oprea: "Non-linear Parametric Derivation of Contour Detectors for Cellular Images", IEEE International Symposium on Signals, Circuits and Systems ISSCS, pp. 321-325, July, Iaşi, România, 2009.

18 Felix Albu, **Corneliu Florea**, Alexandru Drimbarean, Adrian Zamfir "Adaptive recovery of motion blur point spread function from differently exposed images", in Proc. la IS&T/SPIE EI 2010, San Jose, U.S.A, January 2010, Paper 7537-25, Conference 7537

19 Mihai Ciuc, Adrian Capata, **Corneliu Florea**, "Objective measures for quality assessment of automatic skin enhancement algorithms", in Proc. la IS&T/SPIE EI 2010, San Jose, U.S.A, January 2010, Paper 7529-23 Conference 7529.

20 **Corneliu Florea**, Adrian Capata, Mihai Ciuc, and Peter Corcoran, "Facial Enhancement and Beautification for HD Video Cameras", in Proceedings of the 2011 IEEE International Conference on Consumer Electronics, ICCE, Las Vegas, Nevada, USA, Jan 9-12, 2011, pp. 762-763, ISBN:978-1-4244-8709-7.

21 Laura Florea, **Corneliu Florea**, Constantin Vertan, Bogdan Ionescu "Upper Face Description by Comparative Analysis of Grey-scale Image Pairs", IEEE International Symposium on Signals, Circuits and Systems ISSCS, pp. 205-208, July, Iaşi, România, 2011

22 **Corneliu Florea**, Laura Florea: "A Parametric Non-Linear Algorithm for Contrast Based Auto-Focus", in Proc. of. IEEE International Conference on Intelligent Computer Communication and Processing ICCP, Cluj-Napoca, România, 25-27 Aug. 2011, pp. 267-271.

23 Ruxandra Vrânceanu, Constantin Vertan, Razvan Condorovici, Laura Florea, **Corneliu Florea**: " A Fast Method for Detecting Eye Accessing Cues used in Neuro-Linguistic Programming" in Proc of IEEE International Conference on Intelligent Computer Communication and Processing ICCP, Cluj-Napoca, România, 25-27 Aug. 2011, pp. 225-229

24 Laura Florea, **Corneliu Florea**, Ruxandra Vranceanu, Constantin Vertan "Zero-crossing Based Image Projections Encoding for Eye Localization", EUSIPCO 2012, pp. 150-154, 27-31 august 2012, Bucuresti, Romania.

25 Laura Florea, Serban Oprisescu, **Corneliu Florea** "Mouth Area Analysis by the Use of Selected Spectral Energies", Proceedings of the 9th International Conference on Communications COMM2012, pp. 103-106 2012, Bucuresti, Romania

26 Razvan Condorovici, **Corneliu Florea**, Ruxandra Vrânceanu, Constantin Vertan "Perceptually-Inspired Artistic Genre Identification System in Digitized Painting Collections", in Proc of Scandinavian Conference on Image Analysis 2013, pp 687-696

27 Ruxandra Vrânceanu, **Corneliu Florea**, Laura Florea and Constantin Vertan „Automatic Detection of Eye Gaze Direction NLP Applications" in IEEE International Symposium on Signals, Circuits and Systems ISSCS, Iulie, Iaşi, România, 2013

28 Razvan Condorovici, **Corneliu Florea** and Constantin Vertan „Author Identification for Digitized Paintings Collections" in Proc. of IEEE International Symposium on Signals, Circuits and Systems ISSCS, Iulie, Iaşi, România, 2013

29 Ruxandra Vrânceanu, **Corneliu Florea**, Laura Florea and Constantin Vertan" NLP and the Eye Accesing Cue Model: A Computer Vision Perspective" in Proc. of IEEE European Workshop on Visual Information Processing, Paris, 2013, pp. 288-289

30 Razvan Condorovici, **Corneliu Florea** and Constantin Vertan " Perceptually-Inspired Classification System for Digitized Painting Collections" in Proc. of IEEE European Workshop on Visual Information Processing, Paris, 2013, pp. 286-287.

31 Ruxandra Vrânceanu, **Corneliu Florea**, Laura Florea and Constantin Vertan "NLP EAC Recognition by Component Separation in the Eye Region", in Proc Computer Analysis of Images and Patterns 2013, York, United Kingdom, pp. 225-232

32 Laura Florea, **Corneliu Florea**, Ruxandra Vranceanu, Constantin Vertan "Can Your Eyes Tell Me How You Think? A Gaze Directed Estimation of the Mental Activity", in British Machine Vision Conference (BMVC), Bristol, United Kingdom, 2013.

33 Razvan Condorovici, **Corneliu Florea**, Constantin Vertan „Painting Scene Recognition Using Homogenous Shapes", in ACIVS, vol. LNCS 8192, Eds. J. Blanc-Talon et al, pp. 262-273, Poznan, Polan, 2013

34 C. Vertan, **C. Florea**, L. Florea, A. Sultana," Software Tools for Medical Diagnosis Support Automatic Interpretation of Digital X-ray Films", in Proc Int. Conf. on e-Health and Bioengineering, EHB 2013, pp 1 – 4, Iasi, Romania

35 A. Bandrabur, L. Florea, R. Boia, **C. Florea**,"Compressed Projections for Localization of Landmarks in the Eye Region" Communications 2014 Bucuresti Romania, pp. 1-4;

36 R. Boia, A. Bandrabur, **C. Florea**,"Local Description Using Multi-Scale Complete Rank Transform for Improved Logo Recognition" Communications 2014, Bucuresti Romania ; pp. 1-4;

37 **C. Florea**, L. Florea, C. Vertan: "Learning Pain from Emotion: Transferred HoT Data Representation for Pain Intensity Estimation" In ECCV workshop on ACVR 2014, Zurich, Switzerland.

38 **C. Florea**, L. Florea „Robustifying Compressed Projections for Expressive Iris Localization" in ECAI 2014, Bucuresti Romania, Vol 6, oct. 2014 ; 55-60, Bucuresti Romania

39 R. Boia, **C. Florea**, "Homographic class template for logo localization and recognition" In IbPRIA 2015, Santiago de Compostela, Spain, LNCS 9117, pp. 487–495, 2015

40 C. Vertan, **C. Florea**, L. Florea, S. Badoiu: "On the performance of focus measures in infrared and near-infrared imagery", ISSCS 2015, 2015, Iaşi, Romania, DOI: 10.1109/ISSCS.2015.7203976

41 Ciprian Ionaşcu, **Corneliu Florea**, Laura Florea, " Evaluation of Color Transfer and Denoising Methods for Motion Blur Prevention", ISSCS 2015, Iaşi, Romania, DOI: 10.1109/ISSCS.2015.7203958

42 Vasile Preda, **Corneliu Florea**, Andreea Sima, Laura Florea " Simple Head Pose Estimation in Still Images ", ISSCS 2015, Iaşi, Romania, DOI: 10.1109/ISSCS.2015.7203942

43 Raluca Boia, **Corneliu Florea**, Laura Florea, "Elliptical ASIFT Agglomeration in ClassPrototype for Logo Detection" la BMVC 2015, Swansea, UK, pp.115.1-115.12, ed. Xianghua Xie, Mark W. Jones, and Gary K. L. Tam, ISBN 1-901725-53-7-

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