



Curriculum vitae Europass

Personal information

First name(s) / Surname(s)	Florea, Corneliu Nicolae	
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Telephone(s)	+40214024821	
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E-mail	Corneliu[.]Florea[@]upb[.]ro	cflorea[@]imag[.]pub[.]ro;
Nationality	Romanian	
Date of birth	23.09.1980	
Gender	Male	

Work experience

Dates	September 2019-present
Occupation or position held	Full professor; post-doctoral researcher
Main activities and responsibilities	Teaching course at: Machine Learning for Visual Applications, Artificially Intelligent Systems, Decision and Estimation in Information Processing; Human-machine visual interface; Computational Photography Coordinating license and master's thesis on machine learning, computer vision domains.
Dates	February 2015 - present
Occupation or position held	Associate professor; post-doctoral researcher
Main activities and responsibilities	Teaching course at: Machine Learning (awarded as best course on ML by Romanian Employer Association of Software and Service Industry 2018 https://www.anis.ro/burse-anis/castigatorii-galei-bursele-anis-2018/), Decision and Estimation in Information Processing; Human-machine visual interface; Computational Photography. Teaching applications at: Decision and Estimation in information Processing, Human-machine visual interface; Computational Photography Coordinating license and master's thesis on machine learning, computer vision and image analysis.
Dates	September 2011 - 2015
Occupation or position held	Lecturer; post-doctoral researcher
Main activities and responsibilities	Teaching course at: Decision and Estimation in Information Processing; Color Image Processing and Analysis, Human-machine visual interface. Teaching applications at: Image Processing (in English and Romanian), Image Analysis, Information Transmission Theory 1 and 2, Decision and Estimation in information Processing, Color Image Processing and Analysis Human-machine visual interface; Computational Photography Coordinating semester projects at Image Processing (in English), Color Image Processing and Analysis. Coordinating license and master's thesis on image processing and analysis domain.
Name and address of employer	University „Politehnica” of Bucharest, Faculty of Electronics, Telecommunications and Information Technology, Department of Applied Electronics and Information Engineering
Type of business or sector	Education
Dates	2004 – September 2011
Occupation or position held	Teaching assistant

Main activities and responsibilities	Courses: Decision and Estimation in Information Processing; Human-machine visual interface. Applications: Image Processing (in English and Romanian), Image Analysis, Information Transmission Theory 1 and 2, Decision and Estimation in information Processing, Color Image Processing and Analysis Human-machine visual interface. Coordinating semester projects at Image Processing, Color Image Processing and Analysis. Coordinating license and master's thesis on image processing and analysis domain.
Name and address of employer	University „Politehnica” of Bucharest, Faculty of Electronics, Telecommunications and Information Technology, Department of Applied Electronics and Information Engineering
Type of business or sector	Education
Dates	2005 – march 2018
Occupation or position held	Software engineer, R&D engineer, Senior researcher, Consultant
Main activities and responsibilities	I worked in a team that did research, development and testing of software in digital image processing and analysis domain applied for digital cameras.
Name and address of employer	Fotonation Romania SRL/ Digital Optics Corporation Europe/Xperi Corp
Type of business or sector	IT
Dates	July 2003 - October 2003
Occupation or position held	research assistant
Main activities and responsibilities	Research and analysis software solutions for digital image processing
Name and address of employer	University „Politehnica” of Bucharest, Faculty of Electronics, Telecommunications and Information Technology, Department of Applied Electronics and Information Engineering
Type of business or sector	research

Education and training

Date	Dec 2016
Title of qualification awarded	Habilitation – MEN order No. 5976 / 08.12.2016
Principal subjects	“Human Centered Approaches to Computer Vision”
Date	May 2014 - Dec 2015
Title of qualification awarded	Postdoc in Electronics and Telecom. at University "Politehnica" of Bucharest
Principal subject	Identification of pain intensity by automatic analyses of facial images
Dates	2004-2009
Title of qualification awarded	PhD in Electronics and Telecommunications
Principal subjects/occupational skills covered	" Non-linear Image Representation and Pixel-wise Processing for Enhancing Images Acquired with Digital Cameras "
Name and type of organization providing education and training	University „Politehnica” of Bucharest,
Level in national or international classification	PhD
Dates	December 2010
Title of qualification awarded	Certificate for finalizing the course on "Project Management- fundamentals"
Principal subjects/occupational skills covered	Planning, monitoring and execution of projects
Name and type of organization providing education and training	Trilex
Dates	July 2009
Title of qualification awarded	Certificate for finalizing the course "Microsoft Office Project Professional 2007"
Principal subjects/occupational skills covered	Planning, monitoring and execution of projects using Microsoft Office Project Professional 2007

Name and type of organization providing education and training | Trilex

Dates | march - July 2004

Title of qualification awarded | M.Sc

Principal subjects/occupational skills covered | Project: "Visualizing high-dimensional data".

Name and type of organization providing education and training | „Katholieke Universiteit" of Nijmegen, The Netherlands

Dates | 1999-2004

Title of qualification awarded | Engineer degree; Profile: Electronics; Specialization: Applied Electronics

Principal subjects/occupational skills covered | Electronics and Telecommunications and Information Technology

Name and type of organization providing education and training | University „Politehnica" of Bucharest, Faculty of Electronics and Telecommunications

Level in national or international classification | Higher Education

Personal skills and competences

Mother tongue(s) | Romanian

Other language(s)

Self-assessment
European level (*)

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Experienced user	C2	Experienced user	C2	Experienced user	C2	Experienced user	C2	Experienced user
B1	Independent User	B1	Independent user	A1	Basic user	A1	Basic user	A1	Basic user

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

Social skills and competences

Teamwork and ability to adapt to multicultural environments: I have gained experience working in a team of people of different nationalities since high-school, when I developed thesis in the Netherlands, and then consolidated this experience working in a multinational companies - FotoNation, and working with partners in European projects stain in the University „Politehnica" of Bucharest.

Organizational skills and competences

I was in charge of a 4 people team while working for Fotonation Romania SRL.

Computer skills and competences

Machine Learning, Computer Vision, Patern recognition. Advanced knowledge on Digital Camera Architecture
Very good programming skills in C, Python and Matlab.
Advanced knowledge on Microsoft Office, LaTeX.

Other skills and competences

Hobby: hiking and trekking

Driving license

B

Appendix	publication list
Website	http://imag.pub.ro/common/staff/cflorea/

Date:
20.09.2019

Signature:
Corneliu Nicolae Florea



Annex A

Florea Corneliu Nicolae
Publication List

Habilitation Thesis		"Human Centered Approaches to Computer Vision", University „Politehnica” of Bucharest, 2016		
PhD Thesis		"Non-linear Image Representation and Pixel-wise Processing for Enhancing Images Acquired with Digital Cameras", University „Politehnica” of Bucharest, 2009		
Books	1	C. Florea, Laura Florea, Constantin Vertan "Computer Vision for Cognition - An Eye Focused Perspective " in "Computer Vision for Assistive Healthcare, 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)		
	2	L. Florea, C. Florea, C. Vertan, "Extended Eye Landmarks Detection for Emerging Applications« va apărea 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.		
	3	Corneliu Florea, Mihai Ciuc "Analiza fetei umane" - editura Politehnica Press, Bucuresti 2016, ISBN 978-606-515-1, 221 pag. Cod CNCIS 19,		
	4	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		
	5	C. Vertan, C. Florea: "Achizitia si prelucrarea imaginilor color", Editura Politehnica Press, Bucuresti 2013, ISBN 978-606-515-476-6		
	6	L. Florea, C. Florea: "Sisteme software pentru prelucrarea imaginilor", Editura Politehnica Press, Bucuresti 2013, ISBN 978-606-515-474-2		
	7	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		
	8	C. Florea; L. Florea: "Prelucrarea statistică a informației - îndrumar de laborator", Ed. MatrixRom, Bucharest, Romania, 2008. ISBN978-973-755-367-6		
Articles				
In ISI journals Impact factor June 2019	1	Laura Florea, Corneliu Florea, "Directed color transfer for low-light image enhancement", <i>Digital Signal Processing</i> , Volume 93, 2019, Pages 1-12, (Q2 in ENGINEERING, ELECTRICAL & ELECTRONIC 104/265)	ISI-Q2	2.792
	2	C. Florea, F. Gieske, "Artistic movement recognition by consensus of boosted SVM based experts", <i>Journal of Visual Communication and Image Representation</i> , Vol 56, pp. 220-233, 2018 (Q2 in COMPUTER SCIENCE, INFORMATION SYSTEMS, poz 76/155, Q2 in COMPUTER SCIENCE, SOFTWARE ENGINEERING poz 37/107)	ISI-Q2	2.259
	3	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" <i>Image and Vision Computing Journal</i> , Volume 77, September 2018, Pages 21-32, WOS: 000446282900003, (Q1 in COMPUTER SCIENCE, SOFTWARE ENGINEERING poz 23/107, Q1 in COMPUTER SCIENCE, THEORY & METHODS poz 23/104)	ISI-Q1	2.747
	4	Banadrabur, A., Florea, L., Florea, C. and Mancas, M., Late fusion of facial dynamics for automatic expression recognition. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2017 DOI: 10.3906/elk-1607-113 Volume: 25, Issue: 4, Pages: 2696-2707, WOS:000406993300012	ISI	0.625
	5	Laura Florea, Corneliu Florea, Constantin Vertan, "Robust eye centers localization with zero-crossing encoded image projections", <i>Pattern Analysis Applications</i> , DOI 10.1007/s10044-015-0479-x; 20(1), 127-143, 2017; WOS:000393053200010	ISI	1.410
	6	Corneliu Florea, Laura Florea , Raluca Butnaru , Alessandra Bandrabur , Constantin Vertan "Pain Intensity Estimation by a Self-Taught Selection of Histograms of Topographical Features" , <i>Image and Vision Computing</i> , 10.1016/j.imavis.2016.08.014, Volume 56, Dec. 2016, Pages 13–27, WOS:000390071700002 (Q1 in COMPUTER SCIENCE, SOFTWARE ENGINEERING poz 20/104, Q1 in COMPUTER SCIENCE, THEORY & METHODS poz 25/103)	ISI-Q1	2.747

	7	Raluca Boia, Corneliu Florea , Laura Florea , Radu Dogaru, "Logo localization and recognition in natural images using homographic class graphs", Machine Vision and Applications, February 2016, Volume 27, Issue 2, pp 287-301 WOS:000373682400009 (Q2 in COMPUTER SCIENCE, CYBERNETICS poz 10/23)	ISI-Q2	1.788
	8	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 WOS: 000348249000020 (Q2 in COMPUTER SCIENCE, INFORMATION SYSTEMS, poz 76/155, Q2 in COMPUTER SCIENCE, SOFTWARE ENGINEERING poz 37/107)	ISI-Q2	2.259
	9	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 WOS: (Q2 in MATHEMATICS, APPLIED, poz 73/254)	ISI-Q2	1.504
	10	Ruxandra Vranceanu, Corneliu Florea , Laura Florea, Constantin Vertan, "Gaze Direction Estimation by Component Separation for Recognition of Eye Accessing Cues", Machine Vision Application DOI :10.1007/s00138-014-0656-8, Volume 26, Issue 2-3, pp 267-278, 2015 WOS:000351462900008 (Q2 in COMPUTER SCIENCE, CYBERNETICS poz 11/22)	ISI-Q2	1.788
	11	Razvan Condorovici, Corneliu Florea , Constantin Vertan, "Automatically Classifying Paintings with Perceptual Inspired Descriptors" in Journal of Visual Communication and Image Representation, DOI: 10.1016/j.jvcir.2014.11.016, Vol. 26, pp. 222-230, 2015 WOS:000348249000020 (Q2 in COMPUTER SCIENCE, INFORMATION SYSTEMS, poz 76/155, Q2 in COMPUTER SCIENCE, SOFTWARE ENGINEERING poz 37/107)	ISI-Q2	2.259
	12	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, WOS:000209835800016 (Q1 in COMPUTER SCIENCE, HARDWARE & ARCHITECTURE 10/52)	ISI-Q1	3.273
	13	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, WOS:000322179400016	ISI	0.650
	14	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, 2013, pp. 637 - 648.WOS:000325208900012 (Q2 in MATHEMATICS, APPLIED, poz 73/254)	ISI-Q2	1.504
	15	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, 2011, Issue 4, 2011, pp: 55 – 62; WOS:000297764500009	ISI	0.650
In international journals	1	Alessandra Bandrabur, Laura Maria Florea, Raluca Boia, Corneliu Florea " Automatic Robust Localization of Eye Related Landmarks", to appear in Scientific Bulletin of University "Politehnica" of Bucuresti, Electronics and Telecommunications, series C		
	2	Corneliu Florea , Constantin Vertan; Laura Florea " TESPARE-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		
	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 "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		
	5	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.		
In the proceedings of	1	C. Florea , L. Florea, C. Vertan, M. Badea, A. Racoviteanu "Annealed Label Transfer for Face Expression Recognition", BMVC 2019, Cardiff, UK		

the international conferences	2	A. Racoviteanu, M. Badea, C. Florea , L. Florea, C. Vertan, "Large Margin Loss for Learning Facial Movements from Pseudo-Emotions", BMVC 2019, Cardiff, UK,
	3	A. Racoviteanu, C. Florea , M. Badea, C. Vertan, „Spontaneous Emotion Detection by Combined Learned and Fixed Descriptors”, ISSCS 2019 Iasi, Romania
	4	A. Racoviteanu, I. Felea, L. Florea, M. Badea, and C. Florea "Clustering Based Reference Normal Pose for Improved Expression Recognition" ACIVS 2018, Poitiers, France, LNCS 11182, pp. 1–11, 2018
	5	I. Felea, L. Florea, C. Florea , C. Vertan" Head Pose Estimation Using Deep Architectures" Proc. Of Communications 2018, Bucuresti, Romania, pg. 505 -508
	6	Felea, I., Florea, C. , Vertan, C., Florea L.: Isomorphic Loss Function for Head Pose Estimation, WSCG 2017, Plzen Cehia
	7	Mihai Badea, Corneliu Florea , Laura Florea, Constantin Vertan „Efficient Domain Adaptation for Painting Theme Recognition”, ISSCS 2017 Iasi, Romania
	8	Bogdan Stoica, Laura Florea, Alexandra Badeanu, Andrei Racoviteanu, Iulian Felea, Corneliu Florea „Visual Saliency Analysis in Paintings”, ISSCS 2017 Iasi, Romania
	9	C. Vertan, C. Florea , L. Florea, M. Badea, „Reusing the Otsu threshold beyond segmentation”, ISSCS 2017 Iasi, Romania
	10	C. Vertan, M. S. Badea, C. Florea , L. Florea and S. Bădoiu, "MPEG-7 visual descriptors selection for burn characterization by multidimensional scaling match," 2017 E-Health and Bioengineering Conference (EHB), Sinaia, Romania, 2017, pp. 253-256. doi: 10.1109/EHB.2017.7995409
	11	C. Florea , M. Badea, L. Florea, C. Vertan, „Domain Transfer for Delving into Deep Networks Capacity to De-Abstract Art" Scandinavian Conference on Image Analysis, LNCS, Pp 337-349 2017, Tromso, Norway
	12	C. Florea , C. Toca, F. Gieske, " Artistic Movement Recognition by Boosted Fusion of Color Structure and Topographic Description", WACV 2017
	13	Badea, Mihai-Sorin, Constantin Vertan, Corneliu Florea , Laura Florea, and Silviu Bădoiu. "Severe burns assessment by joint color-thermal imagery and ensemble methods." In <i>e-Health Networking, Applications and Services (Healthcom), 2016 IEEE 18th International Conference on</i> , pp. 1-5. IEEE, 2016.
	14	C. Florea , R. Condorovici, C. Vertan, R. Boia, L. Florea, R. Vranceanu, "Pandora: Description of a Painting Database for Art Movement Recognition with Baselines and Perspectives", EUSIPCO 2016, Budapest, Hungary,
	15	L. Florea, C. Florea , C. Ionascu, "Avoiding the Deconvolution: Framework Oriented Color Transfer for Enhancing Low-Light Images", CVPR workshop on CCD 2016, Las Vegas U.S
	16	Laura Florea, Corneliu Florea , Mihai-Sorin Badea, " Recognizing Surreal Compositions in Digitized Paintings " in Communication 2016
	17	Mihai-Sorin Badea, Constantin Vertan, Corneliu Florea , Laura Florea, Silviu Badoiu, "Automatic Burn Area Identification in Color Images " in Communication 2016
	18	Alessandra Bandrabur, Laura Florea, Corneliu Florea , Matei Mancas "Emotion Identification by Facial Landmarks Dynamics Analysis" in. Proc. of ICCP 2015 Cluj-Napoca Romania, pp. 379-382.
	19	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-
	20	Vasile Preda, Corneliu Florea , Andreea Sima, Laura Florea " Simple Head Pose Estimation in Still Images ", ISSCS 2015, Iași, Romania, DOI: 10.1109/ISSCS.2015.7203942
	21	Ciprian Ionașcu, Corneliu Florea , Laura Florea, " Evaluation of Color Transfer and Denoising Methods for Motion Blur Prevention", ISSCS 2015, Iași, Romania, DOI: 10.1109/ISSCS.2015.7203958
	22	C. Vertan, C. Florea , L. Florea, S. Badoiu: "On the performance of focus measures in infrared and near-infrared imagery", ISSCS 2015, 2015, Iași, Romania, DOI: 10.1109/ISSCS.2015.7203976
	23	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
	24	C. Florea , L. Florea „Robustifying Compressed Projections for Expressive Iris Localization” in ECAI 2014, Bucuresti Romania, Vol 6, oct. 2014 ; 55-60, Bucuresti Romania
	25	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.
	26	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;

27	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;
28	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
29	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
30	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.
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	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.
33	Ruxandra Vrânceanu, Corneliu Florea , Laura Florea and Constantin Vertan" NLP and the Eye Accessing Cue Model: A Computer Vision Perspective" in Proc. of IEEE European Workshop on Visual Information Processing, Paris, 2013, pp. 288-289
34	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, Iași, România, 2013
35	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, Iași, România, 2013
36	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
37	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
38	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.
39	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
40	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.
41	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, Iași, România, 2011
42	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.
43	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.
44	Felix Albu, Corneliu Florea , Alexandru Drimborean, 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
45	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, Iași, România, 2009.
46	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, Iași, România, 2009.
47	Felix Albu, Constantin Vertan, Corneliu Florea , Alexandru Drimborean "One Scan Shadow Compensation and Visual Enhancement of Color Images", in Proc. la ICIP 2009, Caro, Egypt, November, 2009, pp. 3133-3136.
48	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.

49	C. Florea, C. Vertan, L. Florea: "Hip Prosthesis X-Ray Image Processing by LIP Exposure Prediction", Communications, pp. 111 – 114, București, România, 2008.
50	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, București, România, 2008.
51	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.
52	L. Florea, C. Vertan, C. Florea: "3D Femoral Bone Approximation in Prosthesis Hip Radiographies", IEEE International Conference on Intelligent Computer Communication and Processing ICCP, pp. 75-82, Cluj, România,
53	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.
54	Felix Albu, Corneliu Florea, Adrian Zamfir, Alexandru Drimborean, "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.
55	Corneliu Florea, Felix Albu, Constantin Vertan, Alexandru Drimborean "Logarithmic Tools for In-camera Image Processing", in Proc. la 16th IET Irish Signals and Systems Conference ISSC2008, Galway, Ireland, June, 2008, pp. 394-399.
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