

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)

Sorin CURILA

Address(es)

8, Cerbului street , 410563, Oradea, Romania

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(remove if not relevant, see instructions)

E-mail

scurila@uoradea.ro, sorincurila@yahoo.com

Nationality

Romanian

Date of birth

03.09.1969

Work experience

Dates

March 2005 - 2008

Occupation or position held

Associate Professor

Main activities and responsibilities

teaching and research

Name and address of employer

University of Oradea, str. Universitatii nr. 1, zip code 410087 Oradea, România
phone: +40-259-408111; +40-259-432830 (phone exchange); +40-259-408105 (Rectorate)

Type of business or sector

Digital signal processing, Pattern Recognition, Programming languages

Dates

2007

Occupation or position held

“teaching staff” - Erasmus/Socrates

Main activities and responsibilities

teaching and research

Name and address of employer

Université de Reims Champagne-Ardenne, Faculté des Sciences, Laboratoire d'Automatique et Microélectronique, Moulin de la Housse – BP 1039 – 51687 Reims Cedex, France,
tel. 0326918424

Type of business or sector

Image processing

Dates

October 2004 - 2008

Occupation or position held

Tutor of Informatics Technology and Multimedia Master

Main activities and responsibilities

Teaching, coordinate

Name and address of employer

University of Oradea, str. Universitatii nr. 1, zip code 410087 Oradea, România
phone: +40-259-408111; +40-259-432830 (phone exchange); +40-259-408105 (Rectorate)

Type of business or sector

Informatics Technology and Multimedia

Dates

September 2002 - October 2003

Occupation or position held

Temporary Associate Professors

Main activities and responsibilities

teaching and research

Name and address of employer

Université de Reims Champagne-Ardenne, Faculté des Sciences, Laboratoire d'Automatique et Microélectronique, Moulin de la Housse – BP 1039 – 51687 Reims Cedex, France,
tel. 0326918424

Type of business or sector

Image processing, Blind Source Separation, Programming languages

Dates	October 2001 - September 2002
Occupation or position held	Post-doc researcher
Main activities and responsibilities	research
Name and address of employer	French Gouverne and Université de Reims Champagne-Ardenne, Faculté des Sciences, Laboratoire d'Automatique et Microélectronique, Moulin de la Housse – BP 1039 – 51687 Reims Cedex, France, tel. 0326918424
Type of business or sector	<i>post-doctoral research stage</i> : "Développement et Application de la Séparation de Sources a des cas concrets: Debruitage d'images dans des situations ou la visibilité est réduite"
Dates	November 2001 – March 2005
Occupation or position held	Lecturer
Main activities and responsibilities	teaching and research
Name and address of employer	University of Oradea, str. Universitatii nr. 1, zip code 410087 Oradea, România phone: +40-259-408111; +40-259-432830 (phone exchange); +40-259-408105 (Rectorate)
Type of business or sector	Digital signal processing, Pattern Recognition, Image processing
Dates	February 1999 - August 1999
Occupation or position held	Researcher
Main activities and responsibilities	research
Name and address of employer	<i>MPEG (Moving Picture Expert Group) and Institut National des Télécommunications, Département Signal et Image, 9 rue Charles Fourier 91011 Evry Cedex, France, tel. 0160764040</i>
Type of business or sector	Image processing - <i>research stage</i> : "Compression de maillages 3-D"
Dates	March 1998 - December 1998
Occupation or position held	Researcher
Main activities and responsibilities	research
Name and address of employer	<i>Institut National des Télécommunications, Département Signal et Image, 9 rue Charles Fourier 91011 Evry Cedex, France, tel. 0160764040</i>
Type of business or sector	Image processing - <i>research stage</i> : "Recalage 3D-2D d'objet polyédrique non déformable"
Dates	August 1997 - February 1998
Occupation or position held	Researcher
Main activities and responsibilities	research
Name and address of employer	<i>Institut National des Télécommunications, Département Signal et Image, 9 rue Charles Fourier 91011 Evry Cedex, France, tel. 0160764040</i>
Type of business or sector	Image processing - <i>research stage</i> : "Représentation 3-D d'objet polyédrique non déformable"
Dates	October 1998 – November 2001
Occupation or position held	Assistant
Main activities and responsibilities	teaching and research
Name and address of employer	University of Oradea, str. Universitatii nr. 1, zip code 410087 Oradea, România phone: +40-259-408111; +40-259-432830 (phone exchange); +40-259-408105 (Rectorate)
Type of business or sector	Electronics, Digital signal processing, Image processing
Dates	October 1998 – November 2001
Occupation or position held	Tutor
Main activities and responsibilities	teaching and research
Name and address of employer	University of Oradea, str. Universitatii nr. 1, zip code 410087 Oradea, România phone: +40-259-408111; +40-259-432830 (phone exchange); +40-259-408105 (Rectorate)
Type of business or sector	Electronics, Digital signal processing

Education and training

Dates	1996 - 2000
Title of qualification awarded	<i>PhD Diploma – Compression of 3D polygonal models</i>
Principal subjects/occupational skills covered	Image processing, 3D data coding
Name and type of organisation providing education and training	University of Oradea / <i>Electrical Engineering</i>
Dates	1996, 1997, 1999, 2000, 2002, 2003
Title of qualification awarded	Image processing Training
Principal subjects/occupational skills covered	Image processing
Name and type of organisation providing education and training	Politehnica București University, Faculty of Electronics and Telecommunications, Analysis and image processing Laboratory, ETASM international school
Dates	1991 - 1995
Title of qualification awarded	Mathematician
Principal subjects/occupational skills covered	Mathematics
Name and type of organisation providing education and training	Faculty of Mathematics and Computer Science, University “Babes-Bolyai”, Cluj-Napoca, Romania
Dates	1989 - 1994
Title of qualification awarded	Electronics Engineer
Principal subjects/occupational skills covered	Applied Electronics
Name and type of organisation providing education and training	Faculty of Electronics and Telecommunications, The technical university Cluj-Napoca, Romania

Teaching and research competences

55 articles and scientific papers presented at national and international conferences and symposiums
 Scientific Books: 3
 Teaching Materials: 1
 Scientific contracts: 10– for 2 of them Director of contract (Grant Leonardo LLP-LdV/07/RO/015 – ANPCDEFP agency, Research contract No.230/01/FG/MT/2002 - *Université de Reims, Laboratoire d'Automatique et Microélectronique, France*)

FOREIGN LANGUAGES

Self-assessment

European level ()*

Language

Language

		Understanding		Speaking		Writing	
		Listening	Reading	Spoken interaction	Spoken production		
En	High		High		Medium		Medium
Fr	High		High		High		High

(*) *Common European Framework of Reference for Languages*

Annexes

- International conferences :

Vi1. D. Nuzillard, C. Lazar, P. Billaudel, **S Curila**, F. Belloir, "Pre-traitement par Separation Aveugle de Sources pour la Segmentation d'images multi-spectrales", COmpression et REprésentation des Signaux Audiovisuels, Montpellier, version CD – poz. 38, 8-9 novembre 2007

Vi2. **S. Curilă**, M. Curilă, C. Curilă, "Artificial vision through fog", Natural Resources and Sustainable Development, pp. 65-70, April 23-24, 2005, Debrecen, RO ISBN 973-613-898-4, HU ISBN 963-9274-887, Hungary, University of Oradea Publishing House.

Vi3. M. Curilă, **S. Curilă**, D. Curilă, "The Separation of scene from satellite foggy images using Second Order Statistics", Natural Resources and Sustainable Development, pp. 55-64, April 23-24, 2005, Debrecen, RO ISBN 973-613-898-4, HU ISBN 963-9274-887, Hungary, University of Oradea Publishing House.

Vi4. M. Curilă, D. Nuzillard, **S. Curilă**, "Séparation aveugle de sources appliquée à la compression du maillage 3D", 19^e colloque GRETSI sur le traitement du signal et des images, vol. II, pp. 307-310, 8 - 11 septembre 2003, Paris, France, GRETSI 2003 Proceedings.

Vi5. M. Curilă, **S. Curilă**, D. Nuzillard, "Decorrelation techniques for geometry coding of 3D mesh", Fourth International Symposium on Independent Component Analysis and Blind Signal Separation, pp. 885 - 890, Avril 1-4, 2003, Nara, Japan, ISBN 4-9901531-1-1, ICA2003 Proceedings.

Vi6. D. Nuzillard, **S. Curilă**, M. Curilă, "Blind Separation in low frequencies using Wavelet analysis, Application to artificial vision", Fourth International Symposium on Independent Component Analysis and Blind Signal Separation, pp. 77 - 82, Avril 1-4, 2003, Nara, Japan, ISBN 4-9901531-1-1, ICA2003 Proceedings.

Vi7. **S. Curilă**, A. Elhafid, D. Nuzillard, J. Padet, "Two competitive methods for enhancing visibility", Proceedings of Eurotherm 71 on Visualisation, Imaging and Data Analysis In Convective Heat and Mass Transfer, pp. 345-350, 28-30 October, 2002, Reims, France.

Vi8. **S. Curilă**, M. Curilă, C. Grava, "3D Estimation by Directly Matching Polyhedral Models to Gray Value Gradients", Nove Smery V Spracovani Signalov V, pp. 238-243, 25-26 May 2000, Liptovsky Mikulas, Slovakia.

Vi9. M. Curilă, **S. Curilă**, D. Curilă, "3D Mesh Compression", Nove Smery V Spracovani Signalov V, pp. 221-226, 25-26 May 2000, Liptovsky Mikulas, Slovakia, ISBN 80-8040-232-9, Vojenska Akademia Proceedings.

Vi10. **S. Curilă**, M. Curilă, T. Zaharia, G. Mozelle, F. Preteux, "A new prediction scheme for geometry coding of 3D meshes within the MPEG-4 framework", SPIE Conference, Journal of Electronic Imaging, pp. 240-250, ISSN 1017-9909, 25-26 January 1999, San Jose, California, USA.

Vi11. F. Preteux, **S. Curilă**, M. Malciu, "3D object registration in image sequences", SPIE Conference, Journal of Electronic Imaging, pp. 186-196, 26-27 January 1998, San Jose, California, USA.

Vi12. N. D. Trip, C. Gordan, **S. Curilă**, "A development system for digital filters using a digital signal processor", Nove Smery V Spracovani Signalov IV, pp. 99-102, 29-31 May 1998, Liptovsky Mikulas, Slovakia.

Vi13. **S. Curilă**, N. D. Trip, "Computer Program for Analysis and Synthesis of Main Delta Modulations", Nove Smery V Spracovani Signalov III, pp. 23-27, 29-31 May 1996, Liptovsky Mikulas, Slovakia.

- ISO/MPEG – research reports :

F1. Françoise Preteux, **Sorin Curilă**, Titus Zaharia, "Hybrid scheme for geometry of 3D meshes: bitstream exchanges", Research Report ISO/IEC JTC1/SC29/WG11, MPEG99/M4900, Melbourne, Canada, July 1999.

F2. Françoise Preteux, Titus Zaharia, **Sorin Curilă**, "Geometry Coding of 3D Meshes: Integration of the polygonal and hybrid methods in the 3D mesh reference software", Research Report ISO/IEC JTC1/SC29/WG11, MPEG99/M4553, Seoul, Korea, March 1999.

F3. Françoise Preteux, Titus Zaharia, **Sorin Curilă**, Mircea Curilă, "Geometry coding of 3D meshes: Results of Core Experiment M2", Research Report ISO/IEC JTC1/SC29/WG11, MPEG97/M4277, Roma, Italy, December 1998.

F4. Françoise Preteux, Titus Zaharia, Mircea Curilă, **Sorin Curilă**, Gerard Mozelle, "Geometry compression of 3D meshes: Results on Core Experiment M2", Report ISO/IEC JTC1/SC29/WG11, MPEG97/M4058, Atlantic City, USA, October 1998.

F5. Françoise Preteux, Gerard Mozelle, Mircea Curilă, **Sorin Curilă** and Jose Paumard, "Geometry and topology compression of 3D meshes: Results of Core Experiment M1 and M2", Research Report ISO/IEC JTC1/SC29/WG11, MPEG97/M3591, Dublin, Ireland, July 1998.