

## Curriculum Vitae



### Personal information

First name(s) / Surname(s)	<b>First name(s) Surname(s)</b>	<b>LORENZO GINORI, Juan Valentín</b>
Address(es)	San Pablo 109 e/ Maceo y Unión, 50100 Santa Clara, Villa Clara, Cuba.	
Telephone(s)	Fixed +53 42 203061 +53 42 281157	
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E-mail	juanl@uclv.edu.cu	
Nationality	Cuban	
Date of birth	05.07.1948	
Gender	male	

## Work experience

Dates	From January 2009 to date
Occupation or position held	Consultant Professor
Main activities and responsibilities	Academic and research consultancy, teaching and training junior academic and research personnel
Name and address of employer	Universidad Central Marta Abreu de Las Villas, Faculty of Electrical Engineering, Carretera a Camajuaní Km 5 ½ , 54830 Santa Clara, Villa Clara, Cuba
Type of business or sector	Educational
Dates	From September 1992 to August 2003, and September 2005 to December 2008
Occupation or position held	Professor and Chair, Centre for Studies in Electronics and Information Technologies
Main activities and responsibilities	Scientific and academic management, research and teaching
Name and address of employer	Universidad Central Marta Abreu de Las Villas, Faculty of Electrical Engineering, Carretera a Camajuaní Km 5 ½ , 54830 Santa Clara, Villa Clara, Cuba
Type of business or sector	Educational
Dates	From September 2003 to August 2005
Occupation or position held	Dean, Faculty of Electrical Engineering
Main activities and responsibilities	Scientific and academic management, research and teaching
Name and address of employer	Universidad Central Marta Abreu de Las Villas, Faculty of Electrical Engineering, Carretera a Camajuaní Km 5 ½ , 54830 Santa Clara, Villa Clara, Cuba
Type of business or sector	Educational
Dates	From September 1986 to August 1992
Occupation or position held	Full professor, Head of the Department of Physics
Main activities and responsibilities	Scientific and academic management, research and teaching
Name and address of employer	Universidad Central Marta Abreu de Las Villas, Faculty of Mathematics, Physics and Computer Science, Carretera a Camajuaní Km 5 ½ , 54830 Santa Clara, Villa Clara, Cuba
Type of business or sector	Educational
Dates	From September 1975 to August 1985
Occupation or position held	Associate professor, Head of the Department of Electronics
Main activities and responsibilities	Scientific and academic management, research and teaching
Name and address of employer	Universidad Central Marta Abreu de Las Villas, Faculty of Electrical Engineering, Carretera a Camajuaní Km 5 ½ , 54830 Santa Clara, Villa Clara, Cuba
Type of business or sector	Educational
Dates	From September 1969 to August 1975
Occupation or position held	Instructor
Main activities and responsibilities	Research and teaching
Name and address of employer	Universidad Central Marta Abreu de Las Villas, Faculty of Electrical Engineering, Carretera a Camajuaní Km 5 ½ , 54830 Santa Clara, Villa Clara, Cuba
Type of business or sector	Educational

## Education and training

Dates	January 1965 to September 1969
Title of qualification awarded	Electrical Engineer
Principal subjects/occupational skills covered	Electronics and Telecommunications Engineering
Name and type of organisation providing education and training	Universidad Central "Marta Abreu" de Las Villas, Faculty of Electrical Engineering
Level in national or international classification	Level 5A
Dates	January 1972 to July 1975
Title of qualification awarded	Master in Telecommunications Engineering
Principal subjects/occupational skills covered	Research and Development in Telecommunications Engineering
Name and type of organisation providing education and training	Instituto Superior Politécnico José Antonio Echeverría, La Habana, Cuba, Faculty of Electrical Engineering
Level in national or international classification	Level 5A
Dates	September 1978 to December 1982
Title of qualification awarded	Doctorate in Technical Sciences
Principal subjects/occupational skills covered	Research and Development in Telecommunications Engineering, Signal and Image Processing
Name and type of organisation providing education and training	Universidad Central "Marta Abreu" de Las Villas, Faculty of Electrical Engineering
Level in national or international classification	Level 6

**Personal skills and competences**

Mother tongue(s) **Specify mother tongue** Spanish

Other language(s) **English**

Self-assessment  
*European level (\*)*

**English Language**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	C1	Proficient user	B2	Independent user	C1	Proficient user	C1	Proficient user

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

Social skills and competences

Good communication skills gained through my experience as a Professor, team spirit, good ability to adapt to multicultural environments, gained through my work experience abroad as a professor and as a scientific researcher.

Organisational skills and competences

Leadership, good experience in projects and team manager, long organisational experience (Dean, Chair of Department and of a Research Centre at the University).

Computer skills and competences

Good command of Microsoft Office™ tools, general programming skills, programming in Matlab, use of various software packages.

Driving licence

Categories A and B

**Additional information**

Member of the Academy of Sciences of the Republic of Cuba, Senior Member of the Institute of Electrical and Electronic Engineers, Senior Member of the Cuban Bioengineering Society.  
62 papers published in refereed scientific journals, a selection the most recent 15 and the most cited 5 is included as an annex.

10 PhD and 18 MSc theses tutored.

**Annexes**

List of most recent (five years) and most cited references.

## Annex

### List of five most cited papers published in refereed scientific journals

1. Julián L. Cárdenas Barrera and **Juan V. Lorenzo Ginori**, "Mean-Shape Vector Quantizer for ECG Signal Compression", IEEE Transactions on Biomedical Engineering Vol. 40 No.1, Jan. 1999, pp. 62-70.
2. Julián L. Cárdenas-Barrera, **Juan V. Lorenzo-Ginori** and Ernesto Rodríguez-Valdivia, "A wavelet-packets based algorithm for EEG signal compression", Medical Informatics and the Internet in Medicine, March 2004, Vol. 29, No. 1, pp. 15–27.
3. Héctor F. Cancino de Greiff, Rubersy Ramos Alfonso and **Juan V. Lorenzo Ginori**, "Signal De-noising in Magnetic Resonance Spectroscopy Using Wavelet Transforms," Concepts in Magnetic Resonance, Vol. 14 no. 6, 2002, pp. 388-401.
4. JV Lorenzo-Ginori, A Rodríguez-Fuentes, RG Abalo, RS Rodríguez, "Digital signal processing in the analysis of genomic sequences", Current Bioinformatics 4 (1), 28-40.
5. Manuel R. Pérez Sánchez, Rubén Orozco Morales, **Juan V. Lorenzo Ginori**, Ricardo Grau Abalo y Ramiro Ramos Ramírez, "Evaluation of QRS Morphological Classifiers in the presence of Noise", Computers and Biomedical Research, Vol. 30 No. 3, June 1997.

### List of most important publications in refereed scientific journals since 2009.

1. Arianny Coca-Rodríguez and **Juan V. Lorenzo-Ginori**, Effects of Interpolation on Segmentation in Cell Imaging. Computación y Sistemas Vol. 18 No. 1, 2014 pp. 97-109 ISSN 1405-5546
2. **Juan V. Lorenzo-Ginori**, Wendelin Curbelo-Jardines, José Daniel López-Cabrera and Sergio B. Huergo-Suárez. Cervical Cell Classification Using Features Related to Morphometry and Texture of Nuclei. Lecture Notes in Computer Science, LNCS 8259, pp. 222-229, ISSN 0302-9743.
3. G. Selvaggio, F. Ceroni, E. Giordano and **J. V. Lorenzo-Ginori**. Evaluation of the Expression Level of a Fluorescent Protein in Single Cells through Digital Image Processing. IFMBE Proceedings, 1, Volume 33, pp. 1007-1010.
4. Rochas-Silva, M. S., H. J. Khoury, C. Borrás, V. F. Cassola, and **J. V. Lorenzo-Ginori**, "Calibration of GAFCHROMIC XR-RV2 Film for radiology", Revista Brasileira de Física Médica, vol. 4, issue 2, pp. 45-48, 06/2010.
5. Héctor Cruz-Enríquez and **Juan V. Lorenzo-Ginori**, "Combined Wavelet and Nonlinear Filtering for MRI Phase Images", M. Kamel and A. Campilho (Eds.): ICIAR 2009, Lecture Notes in Computer Science 5627-0083, pp. 83–92, 2009, ISSN 0302-9743, Springer-Verlag Berlin Heidelberg 2009.
6. **Juan V. Lorenzo-Ginori**, Aníbal Rodríguez-Fuentes, Ricardo Grau Ábalo and Rubersy Sánchez Rodríguez, "Digital Signal Processing in the Analysis of Genomic Sequences" Current Bioinformatics, Vol. 4, Number 1, January 2009, pp. 28-40. ISSN: 1574-8936.
7. Héctor Cruz-Enríquez and **Juan V. Lorenzo-Ginori**, "Combined Wavelet and Nonlinear Filtering for MRI Phase Images", M. Kamel, and A. Campilho (Eds.): ICIAR 2009, Lecture Notes in Computer Science 5627, pp. 83–92, 2009, ISSN 0302-9743, Springer-Verlag Berlin Heidelberg 2009.