



Europass Curriculum Vitae

Personal information

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Nationality Romanian
Date of birth May 22nd, 1963

Current Position **Associate Professor**

Office Address Bucharest University
Electricity, Solid State and Biophysics Department
PO Box MG-11
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Work experience

Dates	Mar.2005 – present
Occupation or position held	Associate Professor
Main activities and responsibilities	Biomedical Engineering, Electronic Physics
Name and address of employer	University of Bucharest, Physics Department, Bucharest, Romania
Dates	Mar.2012 – present
Occupation or position held	VP, Chief Technological Officer
Main activities and responsibilities	Directing the technological development of FHC Inc in the field of clinical and research neuroscience
Name and address of employer	FHC Inc, Bowdoin, ME, USA
Dates	Feb.1997 – Feb 2005
Occupation or position held	Assistant Professor
Main activities and responsibilities	Biomedical Engineering, Electronic Physics
Name and address of employer	University of Bucharest, Physics Department, Bucharest, Romania
Dates	Feb.1992 – Feb 1997
Occupation or position held	Lecturer
Main activities and responsibilities	Electronic Physics
Name and address of employer	University of Bucharest, Physics Department, Bucharest, Romania

Organisational skills and competences	Managed teams of researchers and design engineers
Technical skills and competences	Electrophysiological methods; Single-unit extracellular recordings; Stereoencephalography; Intracranial Electrical Stimulation in Stereoencephalography; Deep Brain Stimulation; Neural data analysis; Biomedical engineering; Stereotaxy; Measurement of low signals; Extraction of signal from noise; Methods for digital signal processing; Analog circuitry design; A-D converters; logic circuitry design using digital signal processors and microcontrollers; C++ and assembly language programming of DSPs and microcontrollers;
Computer skills and competences	Computer operating systems: WINDOWS, UNIX, Computer programming: Matlab, C#, Java, C++ (UNIX, PC-WINDOWS-Object-Oriented, Embedded, DSP), Visual Basic, Pascal, Fortran, Assembler
Other skills and competences	Laser-matter interaction; Dynamical systems theory; Temperature measurement (through contact or thermal radiation); pyroelectric detectors;
Professional Achievements	32 Papers in peer-reviewed scientific publications 413 Citations (ISI WebOfScience) Hirsch Index: 13 (ISI WebOfScience)
	Romanian
Additional information	References Prof. Vincent P. Ferrera, Columbia University, Center for Neurobiology and Behavior and David Mahoney Center for Mind and Brain Unit 87, Kolb Research Annex Rm 504, 1051 Riverside Dr., New York, NY 10032, Phone: 212-543-6931 ext 301, Fax 212-543-5278, e-mail: vpf3@columbia.edu Prof. Ion N. Mihailescu, National Institute for Laser, Plasma and Radiation Physics Lasers Department, PO Box MG-54, Bucharest V, RO-76900, Romania, Phone: +40-21-780-5385 ext. 1815, Fax: +40-21-423-1791, +40-21-423-1470, e-mail: mihailes@ifin.nipne.ro

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