



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s) Savu-Sorin CIOBANU  
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Nationality Romanian  
Date of birth 01/01/1964  
Gender M

### Work experience

Dates 01/10/2002 - present  
Occupation or position held Lecturer  
Main activities and responsibilities Course, Laboratory, Seminary/workshop  
Name and address of employer Physics Department, University "Politehnica" of Bucharest  
Type of business or sector Physics  
Dates 15/03/1990 - 30/09/2002  
Occupation or position held Scientific researcher  
Main activities and responsibilities Research in plasma physics  
Name and address of employer Plasma and Optics Laboratory of the National Institute of Lasers, Plasma and Radiation, Institute of Atomic Physics Bucharest, Romania  
Type of business or sector Physics  
Dates 13/08/1988 - 14/03/1990  
Occupation or position held Scientific researcher  
Main activities and responsibilities Research in surface and material physics  
Name and address of employer Institute of Nuclear Power Reactors Pitesti, Romania  
Type of business or sector Physics

### Education and training

Dates 15/09/1983 - 15/06/1987  
Title of qualification awarded Licence diploma (grade point average over 4 years of 100% - obtaining the first)  
Principal subjects/occupational skills covered Physics  
Diploma thesis "Resistive instabilities in thermonuclear plasmas"  
Name and type of organisation providing education and training Faculty of Physics, University of Bucharest  
Dates 15/09/1987 - 15/06/1988  
Title of qualification awarded Specialized diploma (grade point average of 100% - obtaining the first)

Principal subjects/occupational skills covered	optics, spectroscopy, laser and plasma physics Diploma thesis "Numerical study of the radial compression phase of a Z-pinch discharge"
Name and type of organisation providing education and training	Faculty of Physics, University of Bucharest
Dates	02/04/1993- 16/12/1996
Title of qualification awarded	Ph D
Principal subjects/occupational skills covered	Optics - Spectroscopy - Lasers - Plasma. Ph.D. thesis "Copper vapor production in an electrical circuit-breaker. Experimental study and hydrodynamic simulation"
Name and type of organisation providing education and training	University of Orléans, France
Dates	13/07/1992-17/07/1992
Principal subjects/occupational skills covered	Ecole d'été de plasmas froids - Summer School on Low Temperature Plasmas
Name and type of organisation providing education and training	University of Iassy and Institute of Atomic Physics Bucharest, Romania
Dates	31/08/1992-12/09/1992
Principal subjects/occupational skills covered	Predeal International Summer School in Physics "Topics in Atomic and Nuclear Collisions"
Name and type of organisation providing education and training	NATO Advanced Study Institute and Romanian Society of Physics
Dates	18/06/1997 - 15/09/1997
Title of qualification awarded	post-doc grant
Principal subjects/occupational skills covered	Preliminary research concerning Stark broadenings of some Cu lines using a capillary discharge
Name and type of organisation providing education and training	Groupe de Recherches sur l'Energétique des Milieux Ionisés, University of Orléans, France
Dates	15/07/2000 - 14/09/2000
Title of qualification awarded	research stage
Principal subjects/occupational skills covered	EURATOM mobility secondment - theoretical and numerical studies concerning anomalous transport in plasmas
Name and type of organisation providing education and training	DRFC (Département de Recherches sur la Fusion Contrôlée), CEA Cadarache, France
Dates	15/06/2001 - 12/08/2001
Title of qualification awarded	research stage
Principal subjects/occupational skills covered	EURATOM mobility secondment - numerical studies concerning signal treatment on Tore Supra Tokamak
Name and type of organisation providing education and training	DRFC (Département de Recherches sur la Fusion Contrôlée), CEA Cadarache, France
Dates	07/10/2006 - 30/09/2007
Title of qualification awarded	Postdoc grant
Principal subjects/occupational skills covered	Plasma Physics - experimental studies of the radiation emitted by a transitory electric arc operating in air
Name and type of organisation providing education and training	Groupe de Recherches sur l'Energétique des Milieux Ionisés, University of Orléans, France

Dates 01/10/2007 - 30/11/2007  
 Title of qualification awarded Invited Professor  
 Principal subjects/occupational skills covered Plasma Physics - radiative transfer, mathematical studies of lines profiles after convolution with a large apparatus function  
 Name and type of organisation providing education and training Groupe de Recherches sur l'Energétique des Milieux Ionisés, University of Orléans, France

Dates 01/10/2008 - 30/11/2008  
 Title of qualification awarded Invited Professor  
 Principal subjects/occupational skills covered Plasma Physics - diagnostic by emission spectroscopy of the laser ablation plasmas on Cu, Al, ZnO targets in vacuum and in air  
 Name and type of organisation providing education and training Groupe de Recherches sur l'Energétique des Milieux Ionisés, University of Orléans, France

Dates 01/10/2009 - 13/11/2009  
 Title of qualification awarded Invited Professor  
 Principal subjects/occupational skills covered Plasma Physics - diagnostic by emission spectroscopy of the laser ablation plasmas on Cu, Al, Ti, ZnO targets in vacuum and in air  
 Name and type of organisation providing education and training Groupe de Recherches sur l'Energétique des Milieux Ionisés, University of Orléans, France

**Personal skills and competences**

Mother tongue(s) Romanian

Other language(s)

Self-assessment

*European level (\*)*

French

English

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
C2	C2	C2	C2	C2	C2
B1	B2	B2	B2	B2	B2

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

Social skills and competences Good teacher, good colleague, sociable, loial, altruist/selflessness

Organisational skills and competences high organizer skills, proactive attitude.

Technical skills and competences outstanding experimental abilities

Computer skills and competences Fortran, Word, Power Point, Xcel, Paint, Internet

Artistic skills and competences Graphics, drawing

Other skills and competences litterature

Driving licence

**Annexes** Papers list