



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s) **Nicusor Iacob**  
Address(es) Bucharest, Romania  
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Nationality Romanian  
Date of birth 24.03.1977  
Gender M

### Desired employment / Occupational field **Research Scientist**

#### Work experience

Dates	September 2005 to present
Occupation or position held	Scientist Researcher
Main activities and responsibilities	1. Interaction of accelerated electrons and microwaves with matter. 2. Interaction of microwaves with biological systems.
Name and address of employer	National Institute of Research-Development for Laser, Plasma and Radiation Physics Bucharest – Electron Accelerator Laboratory, 409 Atomistilor St., PO Box MG-36, Bucharest-Magurele, Romania; Telephone: +40-21-457-44-69; Fax: +40-21-457-42-43
Type of business or sector	Scientific research and development
Dates	2002 –2005
Occupation or position held	Scientific Researcher Asistent
Main activities and responsibilities	1. Interaction of accelerated electrons and microwaves with matter
Name and address of employer	National Institute of Research-Development for Laser, Plasma and Radiation Physics Bucharest – Electron Accelerator Laboratory, 409 Atomistilor St., PO Box MG-36, Bucharest-Magurele, Romania; Telephone: +40-21-457-44-69; Fax: +40-21-457-42-43
Type of business or sector	Scientific research and development

#### Education and training

Dates	2004
Title of qualification awarded	MSc in Atmosphere and Earth Physics
Name and type of organisation providing education and training	University of Bucharest, Faculty of Physics, Romania
Dates	2002
Title of qualification awarded	BSc in Tehnological Physics
Name and type of organisation providing education and training	University of Bucharest, Faculty of Physics, Romania

**Personal skills and competences**

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment

European level (\*)

**English**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B1	Independent user	B2	Independent user	A2	Basic user	A2	Basic user	B1	Independent user

(\*) Common European Framework of Reference for Languages

Social skills and competences

Good team spirit gained through my work experience within research groups in different projects  
Good communication skills developed through my experience as member of different project team and participant in workshops, symposia and conferences  
Hard-worker and open mind

Organisational skills and competences

Experience in team and project management;

Technical skills and competences

Knowledge and practical skills regarding reaserch of interaction between in electron beam and microwave fields with matter and biological systems.  
Analytical skills developed through my experimental research work

Computer skills and competences

Good knowledge of specialised scientific tools Origin, Autocad , Ofifce.

Driving licence

Category B, since, december 2010

**Additional information**

**Annexes**

Annex 1: List of projects  
Annex 2: List of publications  
Annex 2: List of patents

*List of projects*

**II. Member in other national projects**

1. PN II-PARTNERSHIPS in Strategic Fields 21-025/2007: Increase of conversion performance of acidic gases from industrial gases by combined treatment with accelerated electrons and microwave (October 2008 – September 2010)
2. PNCDI II-PARTNERSHIPS in Strategic Fields 71-055/2007: Monitoring system of X, gamma, neutron irradiation levels and alpha-beta contamination, with data tele-transmission, for radiologic risks regions (October 2008 – September 2010)
3. PN II-PARTNERSHIPS in Strategic Fields 61-9/2007: Immunological staging and monitoring in skin malignant melanoma – innovative methods of diagnosis (October 2008 – September 2010)
4. CEEX-VIASAN PC-D01-PT11-827/2005: Innovative therapies for treatment of some cancers by synergetic action of some bioactive compounds, accelerated electrons and microwave (October 2005 – September 2008)
5. CEEX-RELANSIN 55/2005: Removal of volatile organic compounds from gases by combined treatment: accelerated electrons and microwaves (October 2005 – September 2008)
6. CEEX-RELANSIN 54/2005: Development of methods for recovery of nanometric powders from industrial gases emissions (October 2005 – September 2008)
7. NUCLEU-LAPLAS 03 – 17 05 01: Research of some new effects of combined interaction of accelerated electrons and microwaves with matter, having applications in environment protection and medicine (October 2003 – September 2005)
8. PNCDI-BIOTECH 3307/2003: Effects study of combined irradiation with accelerated electrons and microwaves on some products with food and therapeutic utilization (October 2003 – June 2005)
9. MENER 067/2001: Researches and development engineering in order to elaborate a modern technology for simultaneous retention of sulphur and nitrogen oxides using “cold plasmas” (December 2002 – July 2004)