



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **DOBRIN ION**
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Nationality romanian
Gender male

Desired employment / Occupational field

**NON-CONVENTIONAL ELECTRICAL ENGINEERING DEPARTMENT
APPLIED SUPERCONDUCTIVITY LABORATORY**

Work experience

Dates	03.2019 – PRESENT
Occupation or position held	Senior Researcher I, Head of Non – Conventional Electrical Engineering Department Head of Applied Superconductivity Laboratory
Main activities and responsibilities	Management of Scientific and administrative activities of the Department Applied Research and Design, R&D Project management in HTS and LTS superconductivity applications in electrical engineering (superconducting electrical machines, and superconducting magnets for particles accelerator), low temperatures physical properties of materials measurement (electrical, magnetic and thermal properties), Cryogenics
Name and address of employer	INC DIE ICPE-CA (National Institute for Research and Development in Electrical Engineering ICPE – CA), Splaiul Unirii 313, CP 030138, Sector 3, Bucharest
Type of business or sector	Research and Development in Electrical Engineering
Dates	01.2016- 02.2019
Occupation or position held	Senior Researcher I, Head of Applied Superconductivity Laboratory
Main activities and responsibilities	Applied Research and Design, R&D Project management in HTS and LTS superconductivity applications in electrical engineering (superconducting electrical machines, and superconducting magnets for particles accelerator), low temperatures physical properties of materials measurement (electrical, magnetic and thermal properties), Cryogenics.
Name and address of employer	INC DIE ICPE-CA (National Institute for Research and Development in Electrical Engineering ICPE – CA), Splaiul Unirii 313, CP 030138, Sector 3, Bucharest.
Type of business or sector	Research and Development in Electrical Engineering
Dates	09.2008- 12.2015
Occupation or position held	Senior Researcher II
Main activities and responsibilities	Applied Research and Design, R&D Project management in HTS and LTS superconductivity applications in electrical engineering (superconducting electrical machines, and superconducting magnets for particles accelerator), low temperatures physical properties of materials measurement (electrical, magnetic and thermal properties), Cryogenics.
Name and address of employer	INC DIE ICPE-CA (National Institute for Research and Development in Electrical Engineering ICPE – CA), Splaiul Unirii 313, CP 030138, Sector 3, Bucharest.

Type of business or sector	Research and Development.
Dates	10.2002-08.2008
Occupation or position held	Director
Main activities and responsibilities	Management activity, Specialty Training for staff, HR & marketing Manager.
Name and address of employer	SC Dren Company srl, str. Fagaras nr.15, Sect.1, Bucharest.
Type of business or sector	Electrical equipment authorized distributor USA.
Dates	01.2000-10.2002
Occupation or position held	Senior Researcher II
Main activities and responsibilities	Cryoelectrotechnics, medical applications of the cryogenics, cryogenic banks.
Name and address of employer	INCDIE ICPE-CA (National Institute for Research and Development in Electrical Engineering ICPE – CA), Splaiul Unirii 313, CP 030138, Sector 3, Bucharest.
Type of business or sector	Research and Development.
Dates	09.1992-01.2000
Occupation or position held	Senior Researcher III
Main activities and responsibilities	Cryoelectrotechnics. Measurement systems - design and realization - of the thermal properties of the materials at low temperatures. Cryogenics.
Name and address of employer	INCDIE ICPE-CA (National Institute for Research and Development in Electrical Engineering ICPE – CA), Splaiul Unirii 313, CP 030138, Sector 3, Bucharest.
Type of business or sector	Research and Development.
Dates	09.1987-09.1992
Occupation or position held	Scientific Researcher
Main activities and responsibilities	Measurement equipment for thermal conductivity of solids at low temperatures designing, realization and experimentation.
Name and address of employer	ICPE-SA (National Institute for Research and Development in Electrical Engineering), Splaiul Unirii 313, CP 030138, Sector 3, Bucharest
Type of business or sector	Research and Development.
Dates	09.1985-09.1987
Occupation or position held	Physicist engineer
Main activities and responsibilities	Low Temperature Applications in Superconductivity. Design, realization and experimentation of LTS superconducting magnets. Applied Cryogenics.
Name and address of employer	ICPE-SA (National Institute for Research and Development in Electrical Engineering), Splaiul Unirii 313, CP 030138, Sector 3, Bucharest
Type of business or sector	Research and Development.
Dates	09.1983-08.1985
Occupation or position held	Physicist engineer.
Main activities and responsibilities	Research & Development for electro – acoustical equipments, verifying – testing and perfecting the manufacturing technology.
Name and address of employer	Enterprise „Steaua Electrica” – Fieni , detached at Industrial Electronics Enterprise, Bucharest. 1 Gării Street, RO - 135100 Fieni, Jud. Dâmbovită,
Type of business or sector	Electric light balls, electronics, electro-acoustic and electrotechnic equipment production.

Education and training

Dates **02.1992 – 02.1999**

Title of qualification awarded | Dr. Eng. with thesis „Studies referring to thermal conductivity of solids in the 77 ... 400 K range”

Principal subjects/occupational skills covered | Solid state physics, Materials Physics – thermal and Electrical Properties at low temperatures, Cryogenics, Measuring Methods of the physical properties of the solids, Measuring processes Metrology.

Name and type of organisation providing education and training | **Polytechnic University of Bucharest – Faculty of Electrical Engineering.**

Dates | **09.1978- 06.1983**

Title of qualification awarded | Physicist engineer

Principal subjects/occupational skills covered | Special Mathematics, Quantum physics, Molecular and Heat Physics, Atomic and Nuclear Physics, Nuclear Reactor Physics, Physics of Solids , Strength of Materials, Applied Electronics, Technical Drawing.

Name and type of organisation providing education and training | **University of Bucharest, Faculty of Physics.**

Personal skills and competences

Mother tongue(s) | **Romanian**

Other language(s) | **English, French**

Self-assessment
European level ()*

English

French

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
Advanced	Advanced	Advanced	Advanced	Advanced
Advanced	Advanced	Advanced	Advanced	Advanced

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

Social skills and competences | - Team spirit (obtained as a result management of research teams and projects);
- Adaptability capacity to multicultural environments (obtained as a result experience of international seminars in country and abroad).
- A very good communication capacity, obtained as a result of coordinating experience of R&D Projects, of HR & marketing manager and trainer.

Organisational skills and competences | - Organizational spirit obtained as a result of professional training.
- Project and Research Teams Management as well as trainer – staff training for obtaining communication and negotiating skills.

Technical skills and competences | - Capacity to use devices, installations, complex equipment for measurement and control for scientific research in electrical engineering, cryogenics, superconductors, superconductors application in electrical engineering.
- Good knowledge of control and ensuring / quality certification systems (I participated to elaboration and implementation of a quality ensuring system in a Ltd., as well as certification courses in AC).

Computer skills and competences | - Good knowledge of Microsoft Office instruments™ (Word™, Excel™ and PowerPoint™);
- Elementary knowledge of the computer Graphic applications (PBrush™), obtained in a professional and free time context.

Additional information

Signature

16.06.2021