

## PERSONAL INFORMATION Liviu POPOVICI

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✉ [Liviu.popovici@hotmail.com](mailto:Liviu.popovici@hotmail.com)

Sex | Male

Date of birth 09 March 1955 | Nationality Romanian

MY JOB **Scientific Researcher III  
Diplomat Electronics Engineer**

## WORK EXPERIENCE

● **2017, july – present**

Scientific Researcher 3-rd degree - National Institute for R&D in Electrical Engineering ICPE-CA – [www.icpe-ca.ro](http://www.icpe-ca.ro)

**Main activities and responsibilities:**

- Member of the EECC Department - Efficiency in Energy Conversion and Consumption - Laboratory of Renewable Energy and Efficient Energy Sources;
- Development of high energy efficiency products and equipment in the field of electric motors acting of various types and sizes - electronic converters;
- Development of electric motor test stands;
- Development of measuring and control devices, sensors, transducers, various types - accelerometers, ferrofluid transducers, speed transducers, mechanical torque transducers, etc...
- Execution of the scientific research and technological engineering works within the Laboratory of Renewable Energy Sources and Energetic Energetics Laboratory, ECCE Department, as well as in the framework of contracts in progress in the department and/or institute;

● **2010, september – 2016, december**

Development Director at QUALITY BUSINESS SOLUTIONS SRL – [www.qbs.ro](http://www.qbs.ro)

**Main activities and responsibilities:**

- Coordinating and developing the design and execution of the infrastructure for data center support consisting of secure electric power systems, cooling and air conditioning systems and security systems (access control, video surveillance, fire detection);
- Establishment of the general architecture for the supporting infrastructure in correlation with the requirements of the IT & C solutions developers to establish the optimal technical solutions for obtaining a maximum energy efficiency, correlating the data between the main systems that make up the support infrastructure of a data center;
- Optimization of the execution activity in order to achieve maximum quality in minimum time. Coordination of logistics and execution teams;
- Close co-ordination of preventive and corrective maintenance activities for systems and equipments in the data center support infrastructure such as UPSs, Chillers, cooling equipment, access control and fire detection equipment.

- Designing data centers between 100kW and 1,000kW for banking and government institutions, with 10-100 racks corresponding to the TIER III operating safety level in accordance with the UPTIME Institute rules;
- Execution of data centers for VolksBank Romania - headquarters, ICIPRO, government institutions;
- UPS maintenance contracts at the BRD-GSG data center, Garanti Bank, Millenium Bank, government institutions;

- **2006 july – 2010 september**

Field service engineer for Schneider Electric Romania & American Power Conversion Romania – [www.schneider-electric.ro](http://www.schneider-electric.ro) [www.apc.ro](http://www.apc.ro)

**Main activities and responsibilities:**

- Commissioning, maintenance, diagnosis and troubleshooting of power equipment for infrastructure data center support produced by the two companies: Galaxy and Symmetra type UPS, ACRC and ACRP cooling equipment, InRoom air conditioning equipment, ISX monitoring and control;
- Managing and executing maintenance contracts for Praktiker Romania, BRD-GSG, ENGIE Romania, Carrefour Romania, Mittal Steel Galati, Renault Technologies Romania, Sain Gobain Calarasi, PWC Romania, Autoliv Brasov etc ...

- **1999 october – 2006 july**

Senior Engineer S.C. INTERACTIVE CTI S.A. - private telecommunication company (fixed telephony and internet FO).

**Main activities and responsibilities:**

- Ensure the uninterrupted operation of the telephone and Internet system in NOC.
- Design and execution of analog cards for Harris USA type telephone exchanges.
- Development of database management software applications for telephone exchanges.
- The first application developed in Romania for EUROVISION TV insurance and TVR entertainment shows.
- First software application for managing green numbers calls.

- **1983 november – 1986 august**

Electronic Engineer I.C.P.E. Bucharest - Laboratory "Gravitatie"  
Deputy Head of Laboratory (chief of laboratory Dr. Hari MINTI)

- **1986 august – 1994 april**

Scientific Researcher I.C.P.E. Bucharest - Laboratory "Vibrations and Dynamic Balances"

- **1994 april – 1999 october**

Principal Scientific Researcher III I.C.P.E. Bucharest - Laboratory "Vibrations and Dynamic Balances"

**Main activities and responsibilities**

- Coordinating, as project/contract manager, for scientific research and technological engineering projects, economic contracts for vibration field and dynamic balancing;
- Design and execution of vibration and dynamic balance measurement and control devices, inductive vibration sensors, accelerometers, etc;
- Development of scientific research;
- In 1994 I supported and obtained the title of third degree scientific researcher;
- Perform prototypes of vibration measurement and control devices;
- Prototyping dynamic balancing machines and dimentional balancing machines (hardware components);

- Execution of prototypes of vibration transducers;
- I participated, as a member of some editorial staffs, in the elaboration of scientific papers;

- **1981 september – 1983 november**

Trainee electronics engineer at C.L.A. Fieni - automation section, electronic laboratory

**Main activities and responsibilities**

- Ensuring the operation of the electrical and electronic installations in the combined.
- Troubleshooting faulty equipment.

EDUCATION AND TRAINING

**2005-2010** - Training courses: Uninterruptible Power Supply, Automatic Transfer Switch, Schneider-Electric and APC at Grenoble, France and Kolding

**1994** - scientific researcher III - I.C.P.E. Bucharest

Coordination of scientific and technological engineering projects

**1981** – State Exam Faculty of Electronics and Tc. University POLITEHNICA of Bucharest with the Computer simulation of the functioning of a field of adaptive antennas - coordinator of the acad. Edmond NICOLAU

**1981** – graduate of the Faculty of Electronics and Tc. University POLITEHNICA of Bucharest

**1975** – graduate theoretical high school Mihail SADOVEANU Bucharest - first class with computer & software science profile in Romania

- Elaboration of IT software applications using advanced programming languages FORTRAN, ALGOL, COBOL

Personal skills and competences

- Excellent teamwork skills
- Very good communication skills
- Skills in project management and project team management
- Experience in managing the logistical aspects of a project
- acoustic and vibration control techniques

Mother tongue(s) Romanian level of knowledge: written, read, spoken: very good

other known languages

	understanding		speaking		written
	listening	reading	spoken interaction	spoken production	
ENGLISH	<b>B1</b>				
FRENCH	<b>B2</b>				

Social skills and competences

**Communication skills gained through a rich experience of coordination and / or management of multidisciplinary teams such as: organizing meetings, making information materials, managing database with contacts and documents, participating in administrative procedures, participating in reports evaluation.**