



## Personal information

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**Nationality** hungarian  
**Date of birth** 25.02.1949  
**Gender** Male

## Employment / Occupational field

### INCDIE ICPE-CA Scientist - scientific secretary

### Work experience

38 years

<p><b>Dates</b> <b>may 2002÷ present</b></p> <p><b>Occupation or position held</b> scientific secretary; CS I</p> <p><b>Main activities and responsibilities</b> Research and design, ongoing R &amp; D projects in the field of corrosion of installations, underground metallic structures, concrete resistance structures etc. Design of active corrosion protection and electric safety, specialized devices and equipment. Analysis and optimization of energy.</p> <p><b>Name and address of employer</b> INCDIE ICPE-CA (National Institute for Research and Development in Electrical Engineering ICPE-CA) – 313, Unirii Spl., sect. 2, 030138, Bucharest</p> <p><b>Type of business or sector</b> Research and design</p>	<p><b>Dates</b> <b>nov.1986÷may 2002</b></p> <p><b>Occupation or position held</b> IDT I ÷ CP I</p> <p><b>Main activities and responsibilities</b> R&amp;D in the fields of sensors and transducers (temperature, humidity, gas reducing), cathodic protection to ships, corrosion protection of gas networks in urban agglomerations, energy optimization of electrochemical technologies</p> <p><b>Name and address of employer</b> S.C. ICPE S.A. Bucharest - 313, Unirii Spl., sect. 2, 030138, Bucharest</p> <p><b>Type of business or sector</b> Research and design in the field of electrical engineering</p>
<p><b>Dates</b> <b>dec. 1984÷ oct.1986</b></p> <p><b>Occupation or position held</b> Senior engineer I degree</p> <p><b>Main activities and responsibilities</b> Design, implementation (by autoutilation) and operation of electroplating line (Zn, Cr wheat), personnel training, waste water treatment.</p> <p><b>Name and address of employer</b> UPSA Sighetu Marmației</p> <p><b>Type of business or sector</b> Manufacturing spare parts</p>	<p><b>Dates</b> <b>aug.1972÷ nov. 1984</b></p> <p><b>Occupation or position held</b> training engineer ÷ Head shop</p> <p><b>Main activities and responsibilities</b> Coordinating the production of silicon diodes and thyristors, design - development - in the manufacture of new products (various series of Zener diodes, the first Romanian thyristors, termocontrolled stabilizing diodes - DL series - after own patent, etc.).</p> <p><b>Name and address of employer</b> IPRS Băneasa</p> <p><b>Type of business or sector</b> semiconductor devices manufacturing</p>

## Education and training

Dates	<b>May 1974 ÷ May 1984</b>
Title of qualification awarded	Ph.D. with the thesis: „ <i>Metode electrochimice în tehnologia de fabricație a dispozitivelor semiconductoare cu siliciu</i> ”
Principal subjects/occupational skills covered	Theoretical Electrochemistry, Applied Electrochemistry, Corrosion Science and Engineering, Machinery and investigative techniques in electrochemistry and thermal transfer, Manufacturing technology of semiconductor devices
Name and type of organisation providing education and training	Politehnic Institute of Bucharest - Faculty of Industrial Chemistry
Dates	<b>Sept. 1967 ÷ Jun. 1972</b>
Title of qualification awarded	Chemical Engineer
Principal subjects/occupational skills covered	Special Mathematics, Inorganic Chemistry, Organic Chemistry, Strength of materials, Thermotechnics, Chemical Engineering, Electrotechnics, Physical Chemistry, Electrochemistry, Corrosion, Electrochemical Technology, etc.
Name and type of organisation providing education and training	Polytechnic Institute of Bucharest - Faculty of Industrial Chemistry – Department of corrosion and electrochemical technologies

## Personal skills and competences

**Mother tongue(s)** Hungarian, Romanian

Other language(s) English, Hungarian

Self-assessment

**European level (\*)**

English

Hungarian

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	B1	Independent user	B1	Independent user	B2	Independent user	B1	Independent user
C2	experienced user	C2	experienced user	C2	experienced user	C2	experienced user	C2	experienced user

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

Social skills and competences	- Team spirit and good communication skills – obtained in professional; - Capacity to adapt to multicultural environments - strength in family
Organizational skills and competences	- Good ability to organize activities for complex systems analysis and evaluation specific R & D - including complex diagnostic studies in complex environments built; - Managing the R & D Project, won by national and international competitions. gained in the professional
Technical skills and competences	- Ability to use complex equipment to measure and control - including the field of electrochemistry, electrical engineering, thermotechnics - interpretation of results; - Good knowledge of control and quality assurance / certification. gained in the professional
Computer skills and competences	- A good grasp of tools Microsoft Office™ (Word™, Excel™ și PowerPoint™); - Basic knowledge of computer graphics applications (PhotoShop™). gained in the professional

## Additional information

**Publications:** author / coauthor la : 9 books; 9 book chapters; 33 articles in the ISI journals; 69 articles in journals indexed in international databases; 10 articles in other professional journals; 24 patents; 231 articles published in volumes of international scientific conferences with program committees; 54 articles published in volumes of national scientific conferences; (List of papers in Annex)

**Marital status:** married, 4 children

## Annexes

List of papers

Bucharest, 10. 10. 2011