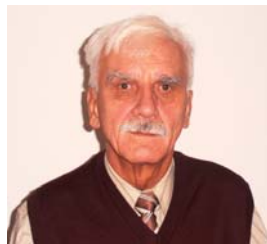


## Curriculum vitae Europass



### Personal information

Family / First name **Zaharescu, Traian**

Phone(s) + 40213467235 Mobil: + 40726636222

Faximile + 40213468299

E-mail(s) zaharescu@icle-ca.ro; traian\_zaharescu@yahoo.com

Nationality Romanian

Data of birth 09.03.1942

Sex male

Place of work / Activity range **Senior researcher, radiation chemistry of materials**

### Professional experience

Period from May 2001 up to present time

Position Senior researcher

Main activities and duties Modification induced by high energy radiation in polymers, inorganic dosimeters, in material stabilization. Education

Name and address of unity INCDIE ICPE CA, 313 Splaiul Unirii, District 3, Bucharest, Romania

Type of activities	Radiation chemistry. Education
Period	from December 1990 till May 2001
Position	Senior researcher
Main activities and duties	Modification induced by high energy radiation in polymers, inorganic dosimeters, in material stabilization
Name and address of unity	ICPE SA, 313 Splaiul Unirii, District 3, Bucharest, Romania
Type of activities	Radiation chemistry
Period	from Aprilie 1985 till December 1990
Position	Senior researcher
Main activities and duties	Design and testing of materials for electrical turbines
Name and address of unity	ICSITEE, 20-30 Berceni Av., District 3, Bucharest, Romania
Type of activities	Chemistry of electrical insulation materials
Period	from May 1980 till Aprilie 1985
Position	Chemist
Main activities and duties	Lab analysis of materials for aircraft manufacture
Name and address of unity	ROMAERO, 14 Ficusului, District 1, Bucharest, Romania
Type of activities	Analytical chemistry, organic chemistry
Period	from Aprilie 1979 till May 1980
Position	Chemist
Main activities and duties	Metallic alloys analysis
Name and address of unity	Heavy Engine Enterprise, 20-30 Berceni Av., District 3, Bucharest, Romania
Type of activities	Analytical chemistry
Period	from March 1971 till Aprilie 1979
Position	Senior researcher
Main activities and duties	Qualification of fuel elements for nuclear power stations
Name and address of unity	ICN, Mioveni, Arges, Romania
Type of activities	Nuclear chemistry
Period	from March 1975 till February 1976
Position	fellow
Main activities and duties	Examination of irradiated fuel elements
Name and address of unity	SCN Mol, Belgium
Type of activities	Nuclear chemistry
Period	from September 1965 till March 1975
Position	Chemist
Main activities and duties	Radiation chemistry
Name and address of unity	IFA, Magurele, Romania
Type of activities	Radiation chemistry

## Education

Period	from September 1996 till Aprilie 2000
Qualification / diploma	Doctor in sciences
Main studied ranges/ professional competences	Irradiation of polymers, Thermodynamics of polymers, Chemical kinetics, Nuclear Chemistry, Nuclear Physics
Name of institution	University of Bucharest, Faculty of Chemistry
Qualification level	International qualification (IAEA)
Period	from September 1960 till June 1965
Qualification / diploma	bachelor in radiation chemistry
Main studied ranges/ professional competences	Irradiation of polymers, Thermodynamics of polymers, Chemical kinetics, Nuclear Chemistry, Nuclear Physics
Name of institution	University of Bucharest, Faculty of Chemistry
Qualification level	National qualification

Period from September 1956 till June 1960  
 Qualification/diploma graduation diploma  
 Main studied ranges/professional  
 Competences general knowledge  
 Name of institution „Gh. Lazar” College, Bucharest, Roamnia  
 Qualification level National qualification

Period from september 1949 till June 1965  
 Qualification/diploma graduation diploma  
 Main studied ranges/professional  
 Competences general knowledge  
 Name of institution primary school, Bucharest, Romania  
 Qualification level National qualification

Selfqualification		Understanding				Speaking				Writing	
Nivel european (*)		Leasening		Reading		Conversation		Oral speach		Writing skill	
Language	C2	English	C2	English	C2	English	C2	English	C2	English	
Language	C1	French	B2	French	B2	French	B2	French	B1	French	

(\*) [Nivelul Cadrului European Comun de Referință Pentru Limbi Străine](#)

Social competences and skill Obtained from long activity, education and during the direct contacts with foreign experts  
 Organizing competences and skill Obtained from different jobs contacts with foreign experts  
 Technial competences and skill All these features were obtained during the research activity and the job in industry  
 Computer usage competences and skill This aptitudes were gained during the preparation and editing of papers and books (Word™, Excel™ and PowerPoint™)  
 Permis(e) de conducere My licence, type B, was obtained in 1975  
 Supplementary details 250 papers, 850 citations, 6 books, 145 participations at international scientific meetings, reviewer for Radiation Physics and Chemistry, Journal of Applied Polymer Science, Polymer Bulletin, Polymer, Polymer testing, Polymer Degradation and Stability, Chemistry Review; IAEA Expert in irradiation of polymers