

CURRICULUM VITAE

Personal information



Name / Surname **Panțuru Eugenia**
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Nationality (s) Romanian
Birth date 04.12.1958

Professional Experience

Period	1985 – present
Occupation or position held	R&D Engineer III and II, Scientific Researcher I, responsible for radiological security, Head of laboratory, Head of Division, Department Head, Quality Manager, Scientific Director
Main activities and responsibilities	Process engineering / industrial design develop capacities for processing hydrometallurgical at plants type R and E, Technology and Economic Assessment harnessing complex mineralization of rare metals and radioactive materials, including the environment, deposit grade ore and tailings research in the field rare metals, precious and radioactive concentrates for the production / purity metals advanced technologies for decontaminating wastewater / soil using nonmaterial, chemical process intensification by using ultrasound, impact studies and environmental risk assessment and population. Competent ISO 9001.14001, 27001 - Quality, Environment, Safety and Radiation Protection Information - Open Source. Experience in management and logistics as a result of professional training / courses through the coordination of research, the integrated management system and radioprotection of the institute.
Name and address of employer	Research and Development National Institute for Metals and Radioactive Resources-ICPMRR INCDMRR Bucharest, 70 Carol I St., sector 2, 020 917.
Type of business or sector activities	Research - Development
Period	1983 –1985
Occupation or position held	Trainee Engineer
Main activities and responsibilities	Coordination and verification of technical and laboratory activities
Name and address of employer	L. I. V. Policolor Bucharest

Type of business or sector activities	Paint and varnish production / quality control products
Period	October 1983 – December 1983
Occupation or position held	Trainee Engineer
Main activities and responsibilities	Surveillance technology flow
Name and address of employer	I.M.Neferal București
Type of business or sector activities	Surveillance technology flow
Education and training	
Period	1978-1983
Qualification / diploma	Diplomat engineer in chemical engineering
Principal subjects / occupational skills	Inorganic and organic chemicals Higher mathematics Physics and Physical Chemistry Transfer phenomena (time, mass, heat) Specific equipment ind. chemical Modeling of chemical processes Industrial Management
Name and type of education / training provider	Polytechnica University - Faculty of Applied Chemistry and Materials Science, 1-7 Polizu St., code 011061, Bucharest 1, L015 building
Level in national or international classification	Level 5 CISE , 52 field
Period	2003-2008
Qualification / diploma	PhD in Engineering Sciences / Chemical Engineering
Principal subjects / occupational skills	Advanced studies in chemical processes specific to nuclear / obtaining nuclear fuel
Name and type of education / training provider	Polytechnica University - Faculty of Applied Chemistry and Materials Science, 1-7 Polizu St.,code 011061, Bucharest 1, L015 building
Level in national or international classification	Level 6 CISE, 52 field
Period	2000 - present
Qualification / diploma	Permit nuclear strike - open source - Level 2
Principal subjects / occupational skills	Legislation in the field of radiation protection and nuclear material
Name and type of education / training provider	National Commission for Nuclear Activities Control, CNCAN
Period	2010
Qualification / diploma	Internal Auditors for Environmental Management Systems / Information Security - Diploma
Principal subjects / occupational skills	Communication, teamwork, professional development, planning, analysis, team coordination, implementation reports / audit

Name and type of education / training provider	Romanian Society for Quality Assurance, SRAC		
Period	2009		
Qualification / diploma	Quality Manager - Diploma		
Principal subjects / occupational skills	Education, training and motivation for quality, maintenance and improvement system, establishing and maintaining relationships with customers, system implementation techniques, development and implementation of policies, monitoring programs and process		
Name and type of education / training provider	Romanian Society for Quality Assurance, SRAC		
Period	2002		
Qualification / diploma	Internal auditor for quality management systems - Diploma		
Principal subjects / occupational skills	Education, training, communication, teamwork, planning, analysis, team coordination, implementation reports / audit		
Name and type of education / training provider	Floyd advertising design – consulting		
Perioada	1989		
Qualification / diploma	Modernization, simulation and optimization of processes in the chemical industry - Diploma		
Principal subjects / occupational skills	Mathematical models and methodologies for calculating the mass transfer processes		
Name and type of education / training provider	POLYTEHNICA University Bucharest , UPB		
Level in national or international classification	level 5 CISE, 52 field		
Personal skills and competences	Romanian		
Language (s) native(s)	Romanian		
Language (s)			
	Reading	Talking	Writing
Franch	B2	B2	B2
English	B2	B2	B2
Social skills and competences	Team spirit: I worked in a team experience since college, when I participated in the alleged activities of practical and research projects conducted in the faculty, we continued to strengthen this experience as an employee in positions of coordination / management employed in the institute (Head laboratory section chief and scientific director).		

Organizational skills and competences	<p>Very good experience of project management and coordinating team / collaboration of over 150 projects.</p> <p>Experience in coordinating of the scientific activity, the integrated system of radiation protection at the Institute.</p> <p>I have experience in logistics as a result of training acquired in the workplace.</p> <p>Currently I coordinate the activity of the integrated sistem of management and radioprotection , as long as the activity of three PhD students / advisory comitee.</p>
Technical competence	<p>Good knowledge of Microsoft Office - Word, Excel, PPT;CorelDRAW</p> <p>Rigor, fairness, demanding, continuous improvement.</p>
Driver licence	<p>B Category - 1996</p>
Additional information	<p>Author / coauthor of five books, 6 patents, over 100 articles published in journals and at scientific proceedings, training internships in Belgium, France and Germany, member CTE, Scientific Council, National Program Evaluator, Member/ Coorganizator Scientific Comitee of Conferences, Paper referee, member in advisory comitee of PhD student.</p>
Attachments	<ol style="list-style-type: none"> 1. List projects coordinated / collaboration (selective); 2. List of published books (selective); 3. Patent List (selective); 4. List articles published (selectively) indexed database (Elsevier, Balkema, Science & Technology Series, Ulrich, Scopus, Cambridge Scientific Abstracts, Chemical Abstracts, Engineered Materials Abstracts, Compendex, Broder Markel & C. Halling
Semnatura	
20.01.2017	

APPENDIX

List of coordinated / collaboration projects (selective)

1. PN –C 25N/ 2016 - Methods and mechanisms to reduce environmental pollution, due to the processes of migration of radionuclides, mineral substances resulting from the processing of energy;
2. PN –C 12/ 2015 – Conservation management of uranium mineral resources, the recovery of uranium tailling waste deposit in using unconventional methods of mass transfer;
3. PN - C 12/ 2014 – Sustainable environmental protection by applying eco-efficient solutions for treating waste water from uranium industry using advanced materials;
4. SNOWMAN/ Rejuvenate 2/2010-2012 – Crop Based System for sustainable Risk based Land Management (RBLM) for Economically Marginal Degraded Areas;
5. PN .09.03.07/2009-2011- Assessment of urban ecogeochemistry agglomerations polluting industry in border areas and cause-effect relationship relative to environmental legislation;
6. PN .09.03.07/2009-2011 - Quantification of environmental pollution in abandoned perimeters prospecting / geological exploration uranium ore;
7. C593/2011- Tehnical study on the assesment of uranium content in grain size fractions of material deposited in the lake Cetatuia II, Section 1;
8. C 21 N / 2007-2008 - Permeable reactive barriers in situ preventing and remediation of groundwater pollution due to mining activities;
9. PN .09.03.03/2008-2010-Radiological risk analysis of critical population groups in the perimeters of prospecting / geological exploration abandoned;
10. C 21 074 / 2007-2010-New technology for the separation of uranium by solvent extraction in the field of ultrasound, with beneficial impact on reducing contamination of the area surrounding uranium-UEXUS;
11. CEEX-M1 -C57/2005-2008- Soil rehabilitation in areas of intensive processes of exploitation and processing of radioactive ores in circumstances of natural disasters or human-RESOLRAD accidents;
12. CEEX-M3-C 246/2006-2008 - Scientific partnership development in nanomaterials synthesis and in unconventional technologies for decontamination of polluted water-ECONANO;

13. VALRAD-C38N/2003-2005 – Applied sonochemistry to metal elution from specific adsorbent.

2. List of published books (selective)

- Eco-tehnologie pentru recuperarea selectiva a aurului , A., Filcenco-Olteanu, **E., Panțuru., R.**, Rădulescu, Editura PIM , Iasi(CNCSIS), ISBN: 978-606-13-0351-9, 2011;
- Transferul de masă și cinetica procesului de extracție acidă a uraniului , **E., Panțuru.,Ghe.,Jinescu.,**Editura FOCUS , Petroșani(CNCSIS),ISBN 978-973-677-145-3,2009.
- Tehnologia recuperării uraniului din minereuri , **E., Panțuru., Gh.,Filip., R.**, Rădulescu., Editura EDYRO PRESS, Petroșani (CNCSIS), ISBN: 978-973-7718-48-8, 2008.

3. List of patents (selective)

- Panturu, E., and employees - Method of optimizing the uranium desorption from ion exchange resins under the effect of ultrasound- Patent No .122 767 / 01.2010;
- Panturu, E., and co -Process for recovery of uranium from ore by leaching uranium acid-Patent No.122 301 B1 / 03.2009;
- Panturu, E., and employees - Method acid extraction of uranium from ore in ultrasonic field - Patent No. 122642/10.2009 ;
- Panturu, E., and co -Process intensification of chemical decontamination of radioactively contaminated soils using ultrasound- demand Patent no. A / 00185/10.03.2008.

4. List of published articles (selective)

- *The Decontamination of Uranium Polluted Soil Using Mushrooms*, A.D., Radu, **E. Panțuru, A.**, Woinaroschy, A. Filcenco-Olteanu, Journal of chemistry, 2016, 67,7, p.1318-1321;
- *Experimental design and process optimization for uranium soil decontamination by acid washing*, A.D., Radu, **E. Panțuru, A.**, Woinaroschy, R. Isopescu, Water, Air and Soil Pollution Journal, 2015, 226,5,1-11;
- *Uranium (VI) Adsorption Equilibrium on Purolite Resin SGA 600 U/3472*, A., Botez, T., Dobre, **E., Panțuru, A.**, Filcenco-Olteanu , Central European Journal of Chemistry , 2014 , 12 (7) , p. 769–773;
- *Experimental process analysis and mathematical modelling for selective gold leaching from slag through wet chlorination* , A., Filcenco–Olteanu; T.,Dobre; **E., Panțuru;** A. D.,Radu;A.,Akil, Hydrometallurg, 2014, 144–145 , p.170–185 2,224;
- *Extractia uraniului, in camp de ultrasunete, din soluri contaminate*, A.D., Radu , A., Woinaroschy, **E. Panțuru**, Revista de Chimie, 2014, 65,4, p.470-474, factor impact 0,677;
- *ARSEN-X^{np} Purolite resin used for the depollution of uranium contaminated waters* , R. I., Panturu, G. Jinescu, A.Filcenco – Olteanu, E. Panturu, D. Radu, Journal of chemistry , 62, 8 , 2011, ISSN 0034-7752;
- *Mine water remediation using zero-valent iron impregnated on solid support*, E. Panturu, R. I Panturu , G. Jinescu , A. Filcenco-Olteanu , D. A. Radu ,2st. International Exergy , Life Cycle Assesment and Sustainability Workshop & Symposium, ELCAS , Nysiros-Grecia, 2011, p.217, ISBN 978-960-243-679-0;
- *Immobilization of uranium from mine waters using nanostructured materials*, E. Panturu ,R. I Panturu , G. Jinescu, A. Filcenco-Olteanu , D. A. Radu , The XIV th Balkan Mineral Processing Congress’’, Tuzla, Bosnia Hertegovina 2011,vol.2, p.921, ISBN 978-973-677-161-3;
- *Crops specific to degraded fields for the purpose of obtaining biofuel in Romania* , E. Panturu, D.P.Georgescu , Gh. Crutu, N. Groza ,Y. Andersson –Skold, A. Enell, 17th Romanian International Conference on Chemistry and Chemical Engineering –RICCCE 2011 , p. S.4.27-34, Ed. Politehnica Press , ISSN 978-2247-5389;
- *Synthesis and characterization of zero valent iron intended to be used for decontamination of radioactive water* ,R., I., Panturu, G., Jinescu, E.,Panturu,R., Radulescu, A., Filcenco – Olteanu, , Scientific Bulletin , Series B , Chemistry and Materials Science , University POLITEHNICA of Bucharest , 72, 4, 2010, p.207 - 218 , ISSN 1454 – 2331;
- *Uranium waste water treatment using wetland system*, N., Groza, A., Manescu, E., Panturu, A., Filcenco-Olteanu , R.I., Panturu, C., Jinescu, Journal of chemistry, 61,7, 2010,p.680-684, ISSN 0034-7752.