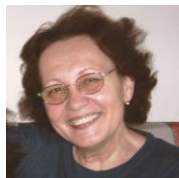


Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **ROMAN, MARIA**

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Nationality Romaine

Date of birth 07.09.1947

Gender Female

Desired employment / Occupational field

Work experience

Dates October 1989 to present

Occupation or position held

- 2008- Present –UPB - ECOMET part-time Scientific Research, Metallurgical waste recycling; Materials Quality Control
- 2006-2009 - INCDMNR-IMNR – Scientific researcher IInd degree, Scientific research, member of the IMNR Scientific council (2005 - 2009); National research program coordinator, manager / responsible research project; patent inventions; scientific communications / national or international publications; chief of Physical Mechanical Testing Materials Laboratory, Quality manager of microscopic laboratory
- 1995 - 2006 - INCDMNR-IMNR – Scientific researcher IInd degree, Scientific research, member of the IMNR Scientific council (2005 - 2009); National research program coordinator, manager / responsible research project; patent inventions; scientific communications / national or international publications; chief of Physical Mechanical Testing Materials Laboratory
- 1989 - 1995 - INCDMNR-IMNR - Scientific researcher IIIrd degree, Scientific research, participation in national research competitions, drafting research/ studies, scientific communications / national or international publications; manager of Physical Mechanical Testing Materials Laboratory
- 1982 - 1989 - INCDMNR-IMNR - Scientific researcher; Scientific research, achievement studies, making documentations, scientific communications national / international publications; chief of Physical Mechanical Testing Materials Laboratory
- 1980- 1998 - INCDMNR-IMNR - Scientific researcher; Scientific research, achievement studies, making documentations, scientific communications national / international publications; chief of Physical Mechanical Testing Materials Laboratory
- 1978 – 1980 - INCDMNR-IMNR – Metallurgical dipl. Engineer; Scientific research, documentary, laboratory activities.
- 1977-1978 SIDEX GALATI – Metallurgical dipl. Engineer;
- 1968-1972 ELECTROTEHNICA- Electromechanical Engineer, Responsible workshop "Pressing Bakelite"

Main activities and responsibilities

- National research program coordinator, manager / responsible research project;
- Patent inventions;
- Quality manager of microscopic laboratory
- Chief of Physical Mechanical Testing Materials Laboratory
- Scientific research, documentary, laboratory activities.
- Prepare the specific documentation (scheme, balance sheets, documentation)
- Participate in information dissemination: national or international scientific communications, workshops, prepare and publish articles in specialized magazines
- Electromechanical engineering, Responsible workshop "Pressing Bakelite"

Name and address of employer Polytechnic University of Bucharest - ECOMET, Splaiul Independentei 313 Bucharest, Romania

Type of business or sector Scientific research

Education and training

Dates

- 2008 - Course "Managementul Proiectelor finantate de Uniunea Europeana" Certificat 593/24.02.
- 2007- Course „How to write a Competitive proposal from Framwork 7 (Fp7)” 11 Iulie 2007
- 2006 - Course "Presentation of the SR EN ISO / IEC 17025:2005 - Management System in a laboratory commented definitions, technical requirements
- 2006 - Course "Scheme inter-laboratory comparisons"
- 2006 - Course "Evaluation of measurement uncertainty, uncertainty budget planning "
- 1996 – 2004 Polytechnic University from Bucharest. Materials Science and Engineering Faculty
- 1972 - 1977– Polytechnic University from Bucharest Metallurgical Faculty
- 1964-1968 Electromechanical engineering technicians school UNIREA
- 1960-1964 High School Dimitrie Bolintineanu

Title of qualification awarded

- 2008 - Project manager
- 2006 - Quality manager
- 2004 – Material Science Dr. Ph.
- 1977- Metallurgical Dipl. Eng.
- 1968 – Electromechanical engineering
- 1964 - Baccalaureate

Principal subjects/occupational skills covered

- Research
- Project Management
- Quality manager
- Science Materials

Name and type of organization providing education and training

- 2006 RENAR
- 2004 Polytechnic University from Bucharest. Materials Science and Engineering Faculty
- 1977– Polytechnic University from Bucharest Metallurgical Faculty
- 1968 Electromechanical engineering technicians school UNIREA
- 1964 High School Dimitrie Bolintineanu

Level in national or international classification Postgraduate

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment

European level ()*

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B1	Independent User	B2	Independent User	B2	Independent User	B2	Independent User	B2	Independent User

(*) Common European Framework of Reference for Languages

Social skills and competences	Team Working: coordination, communication, openness, easy integration in various groups, skills acquired through work experience, disseminating information through participation in conferences and seminars, trade union activity.
Organisational skills and competences	Leadership and effective coordination of human and financial resources to implement direct contractor at projects (ORIZONT, RELANSIN, INVENT, CEEX, PNCDI II) to the project results, the organizing spirit in the field of professional and leading trade union activity. We organized all the meetings of the anniversary promotion of graduates of the Metalurgy Faculty of 1987.
Technical skills and competences	Use instruments and laboratory equipment for research.
Computer skills and competences	- Good use of Microsoft Office programs (Word™, Excel™ și PowerPoint™); - Knowledge of basic applications of computer graphics (Adobe Illustrator™, PhotoShop™); - Internet skills acquired in professional activity
Artistic skills and competences	To develop posters, brochures, leaflets. Achievements and presentations in Power Point, skills obtained from participation in conferences and symposiums.
Other skills and competences	Hobby: theater, travel
Driving license	I have enabled auto category B.
Additional information	<ul style="list-style-type: none"> ➤ PhD Thesis: „ Studies and research on rolling metals powder” / 17 Sept. 2004 ➤ Patents: <ol style="list-style-type: none"> 1.”Process for recovery of aluminum from the smelter slags” authors; Teodorescu Romanita și Roman Maria No. 122670/30.11.2009. 2. „Method for determining the optimal expansion parameters to obtain models aerated polystyrene”, authors; Marginean Ioan, Roman Maria, Firescu Lucia, Marginean Liviu Stefan No. 122770/29.01.2010. <p>(Silver Medal the twelfth edition INVENTIKA - International Exhibition of Inventions and New Technologies 7 - 11 October 2008 Bucharest Romania</p> <ul style="list-style-type: none"> ➤ Biographies included in "Encyclopedia of personalities from Romania. "Who is Who Hübner, Bucharest, 2010, p.1177
Annexes	Experience (especially in management) in other national/international programmes/projects List of relevant publications:

ANNEXES

Experience (especially in management) in other national/international programmes/projects

Programme/Project	Position	Period
RELANSIN –MODERNIZARE / 853 -2000	Manager project	2000 - 2004
Program PHARE	Partner in the project	2000
Program NATO	Partner in the project	2002- 2004
INVENT 61/2002 ; 62 /2002; 77/2003	Partner in the project	2002-2005
RELANSIN CALITATEA VIETII /2106 -2002	Scientific responsible	2004- 2006
CEEX Module 4 / 176- 2006	Scientific responsible	2006 - 2008
CEEX Module 1 / 53- 2005	Scientific responsible	2005 - 2008
CEEX Modul 1 / 260 - 2006	Partner in the project	2006- 2009
Partnerships in Priority S&T Domains 31-004/2007	Scientific responsible	2007 - 2010
Bilateral cooperation Romania-Austria Cf. 225 / 15.04.2009	Partner in the project	2009 - 2010
Bilateral cooperation Romania-Austria Cf. 555 / 7.06. 2012	Partner in the project	2012 - 2013

List of relevant publications:

- 1 Researches of superficial structural modifications at the direct casting, **Maria Roman**, Ioan Mărginean, Lucia Firescu, Pascu Nicolescu, Marian Pasăre, Romanian Academy, Branch Office of Iasi, Oprimum Technologies, Technologic Systems and Materials in the Machines Building Field –TSM-7 – 2001, ISSN 1224-7499
- 2 Consideration concerning specific aspects of metal powder's direct roll compacting, **Maria Roman**, Steliana Ivanescu, Daniela Dumitrescu, Third International Conference on Powder Metallurgy, RoPM 2005, Proceedings volume 1, Sinaia, Romania 7-9 July 2005, Romania powder Metallurgy Society, Cluj Napoca & Technical University of Cluj Napoca under The European Powder Metallurgy Association auspices EPMA, pg. 421-428, ISSN: 1221-5872
- 3 Researches of recycling romanian secondary aluminum industry by- products, **Maria Roman**, V. Bădiliță, Romanița Teodorescu, Ioan MĂRGINEAN, Monica Făgărășanu, L. Mărginean, Scientific Bulletin of the „Politehnica” University of Timisoara Transactions on MECHANICS, Tom 51 (65), Fascicola 2, 2006 ISSN 1224-6077, pg.165-170
- 4 Researches on influence of technological process on mineralogical matrix of technological wastes from secondary aluminium industry, **Maria Roman**, Viorel Bădiliță, Romanița Teodorescu, Lucia Firescu, Bulletin of the Transilvania University of Brasov, Supliment BRAMAT 2007, published by Transilvania University Press 2007 Section 2: Materials Science and Surface Engineering, ISSN1223-9631, pg. 124
- 5 Influence of technological process on mineralogical matrix of technological wastes from secondary aluminium industry **Maria Roman**, Viorel Bădiliță, Romanița Teodorescu, Lucia Firescu, Revista de Turnătorie nr. 3-4, 2007 CZU 621.74 (051) ISSN 1224-21-44 , pg. 16-20
- 6 Experimental model to determinate the necessary parameters for mathematical modelling of the foundries processes, Lucia Firescu, Ioan Mărginean, Constantin Bratu, **Maria Roman**, Book of Proceeding, 10th National Conference of Metallurgy with International Participation, 28th-31th Mai 2007, Varna Bulgaria , published by Union of Bulgarian Metallurgists, ISBN 978-954-92052-1-3, p. 16
- 7 Possibilitys to decrease soluble salts content from secondary aluminium dross for their recycling, **Maria Roman**, Romanița Teodorescu, Lucia Firescu, Book of Proceeding, 10th National Conference of Metallurgy with International Participation, 28th-31th Mai 2007, Varna Bulgaria, published by Union of Bulgarian Metallurgists, ISBN 978-954-92052-1-3, p. 19
- 8 Some results of researches of soluble salt removing from secondary aluminium dross / salts slag, **Maria Roman**, Viorel Bădiliță, Romanița Teodorescu, Lucia Firescu, Maria Gheorghe, Buletinul Institutului Politehnic din Iași, Tomul LIII (LVII), Fasc.4, 2007, Secția Știința și Ingineria Materialelor, ISSN 1253-1690, pg.231
- 9 Some results of researches to develop the proper recycling methods of technological residues from secondary aluminum industry, **Maria Roman**, Romanița Teodorescu, Lucia Firescu, Aurel Crișan, Ioan Mărginean, Adrian Cocolaș, Conferința Științifică UgalMat 19-20 Octombrie 2007, vol II, Galati University Press, Colectia Științe Ingineresti, ISSN 1843-5807, pg 494-500.
- 10 The influence of reaction factors on solubilization efficiencies of Al from foundry slag in the process of caoagulants preparation (I), Romanița Teodorescu, **Maria Roman**, International Symposium” The Enviroment and Industry” vol I Bucharest 25-27 October 2007 , ISSN 1843-5831, pg. 146-152
- 11 Some contributions regarding technical and ecological compatibility of the secondary aluminium slags, with Portland cement matrix, Maria Gheorghe, Nastasia Panait, Lidia Radu, Romanița Teodorescu, **Maria Roman**, Revista Romana de Materiale / Romanian Journal of materials 2007, 37 (2), 94 -103
- 12 "Ecological Casting Process For Advanced Precision Parts". Marginean Ioan, Tarcolea Mihai, Mirea Vasile, Adrian-S. Cocolaș , Lucia Firescu, **Maria Roman**, The International Conference on Structural Analysis of Advanced Materials ICSAM 2007, 2-6 September 2007, Patras Grecia, publicat in Book of Abstracts.
- 13 Some contributions regarding technical and ecological compatibility of the secondary aluminium slags, with Portland cement matrix, Maria Gheorghe, Nastasia Panait, Lidia Radu, Romanița Teodorescu, **Maria Roman**, Revista Română de Materiale / Romanian Journal of Materials 2007, 37 (2), 94 - 103, tip A –ISI cod CNCSIS 66, indexata și recenzată în Thomson Reuters Service: Citation index Expanded, Materials Science Citation index, Journal Citation Reports/Science Edition, recenzată în Chemical Abstracts, Ceramic Abstracts, CNRS - INIST, Glass File, MK - Periodica și inclusă în catalogul Canada Institute for Scientific & Technical Information
- 14 "Ecological Casting Process For Advanced Precision Parts". Marginean Ioan, Tarcolea Mihai, Mirea Vasile, Adrian-S. Cocolaș , Lucia Firescu, **Maria Roman**, Book of Abstracts of The International Conference On Structural Analysis Of Advanced Materials ICSAM 2007, 2-6 September 2007, Patras Grecia.
- 15 „Experimental Researches Regarding the Determination of the Substitutive Thermal Conductivity Coefficient for Casting Moulds”, I Ciobanu, SI Munteanu, A. Crisan, V. Monescu, V. Jiman, I Marginean, I. Chisamera, L. Firescu, **M. Roman**, Conference Excellence Researche – a way to innovation” Brasov 2008, volume III, Ed. Tehnica, ISSN 1844-7090, pg. 260-1
- 16 Researches concerning the value of thermal conductivity substitutive coefficient for moulds with furan resin as binder Ioan Ciobanu, Sorin Ioan Munteanu, Aurel Crișan, Vlad Monescu, Mihai Chișamera. Ioan Mărginean, Lucia Firescu, **Maria Roman**, Metalurgia vol.X. 2008,
- 17 The determination of the Thermal Conductivity mean Coefficient for casting Moulds Chemical Hardened with Furan Resin Binder. Ioan Ciobanu, Sorin Ioan Munteanu, Aurel Crișan, Vasile Jiman, Vlad Monescu, Mihai Chișamera. Ioan Mărginean, Lucia Firescu, **Maria Roman**, Revista de Turnătorie Nr. 11-12/2008, pg. 21-24
- 18 Researches about solidification simulation of parts cast in moulds cold hardened with furan resin, Ioan Ciobanu, Sorin Ion Munteanu, Aurel Crișan, Vlad Monescu, Vasile Jiman Vasile, Mihai Chisamera, Ioan Mărgineanu Lucia Firescu, **Maria Roman**, Metalurgia International vol.XIV(2009), no 1. pg. 55,
- 19 The Technology for Aluminium Recovery from Various Al Slag, for Environment Depolution, R. Teodorescu, **M. Roman**, C. Tociu, M. Gheorghe, A. Crisan, Metalurgia International vol.XIV Special Issue no.2 ,2009 ISSN 1582-2214 pg.131-134

- 20 Researches to obtain aluminium sulphate from aluminium black dross, **Maria Roman**, Romanița Teodorescu, Viorel Bădiliță, Lucia Firescu, Maria Gheorghe, Buletinul Institutului Politehnic din Iași, Tomul LV (LIX), Fasc.3, 2009, Secția Știința și Ingineria Materialelor, ISSN 1453-1690, pg.177
- 21 Technical and ecological compatibility of the secondary aluminum slags with Portland cement matrix, Gheorghe Maria, Saca Nastasia, Radu Lidia, Romanița Teodorescu, **Maria Roman**- Conferinta WASCON 3-5 iunie 2009 Sustainable Management of Wastes and Recycled Materials in Construction, Lion, Franta
- 22 Aspects referring to technical and leaching properties of the secondary aluminium slags - cement composites, Maria Gheorghe, Nastasia Panait, Romanița Teodorescu, **Maria Roman**, Environmental Engineering and Management Journal July/August 2009, Vol.8, No.4, 645-650
- 23 Optimization of process for total recovery of Aluminum from smelting slag A. Removal of soluble salts
Romanița Teodorescu, Viorel Bădiliță, **Maria Roman**, Lenuta Enache, Eleonora Neagu, Maria Gheorghe, Aurel Crisan, *Environmental Engineering and Management Journal* 2012 (Accepted to publication in October 2012)
- 24 Optimization of process for total recovery of aluminum from smelting slag B. Removal of Aluminum sulfate
Romanița Teodorescu, Viorel Bădiliță, **Maria Roman**, Victoria Purcaru, Petre Capota, Carmen Tociu, Maria Gheorghe, Aurel Crisan, *Environmental Engineering and Management Journal* 2012 (Accepted to publication in October 2012)

