

PERSONAL INFORMATION	ANDREEA CRISTINA IONICĂ
	 Universitatii, Petrosani, Romania
	 0254/549749 sau 0254/542580 int. 171  0040723360726
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WORK EXPERIENCE	
February 2015 – present	<p>Full Professor, PhD. Supervisor University of Petrosani, Romania</p> <ul style="list-style-type: none"> ▪ Ph.D. Supervisor in the field of Engineering and Management ▪ Lectures in the field of Quality Management Systems ▪ Research in the field Software System Quality, TQM <p><i>Business or sector</i> Higher Education</p>
October 1996 – February 2015	<p>Associated Professor, Lecturer, Assistant Professor University of Petrosani, Romania</p> <ul style="list-style-type: none"> ▪ Lectures in the field of Quality Management Systems ▪ Research in the field Software System Quality, TQM <p><i>Business or sector</i> Higher Education</p>
1993 -1996	<p>System engineer and associated researcher University of Petrosani</p> <ul style="list-style-type: none"> ▪ Laboratory activity in the field of: Managerial informatics, Database Management Systems ▪ Research in the field of Industrial Engineering <p><i>Business or sector</i> Higher Education</p>
1992 -1993	<p>Engineer S.C. U.P.S.R.U.E.E.M. S.A. Petroșani</p> <ul style="list-style-type: none"> ▪ Activity at the Section of remote methane measurements <p><i>Business or sector</i> Industry</p>

EDUCATION AND TRAINING	
EDUCATION	
2015	<p>Habilitation Thesis „Quality Management Embedded in Innovative Systems” Technical University of Cluj-Napoca</p>

1996 - 2004	PhD. in Industrial Engineering,
	"Quality Management System from the Perspective of Constructors and Users of Mining Equipment"
	University of Petrosani
1999 - 2003	Economist, Accounting and Management Information Systems
	"Study regarding the quality-cost relationship in the Quality Management System context. EM Paroseni case study."
	University of Petrosani
1997 - 1998	Ingénieur expert en technique, economie et gestion de l'entreprise minière
	„Méthodes et outils pour améliorer la qualité dans l'entreprise roumaine constructrice des machines et outillages miniers (S.C. UMIROM S.A)"
	Institute Nationale Polytechnique du Lorene, École Nationale Supérieure des Mines de Nancy, France
1987 - 1992	Engineer, Electromechanical Engineering
	„Application of intrinsic safety protection for the control circuits from the electrical equipment used in underground mining sites"
	University of Petrosani
TRAINING	
2019-2020	Certificate of Professional Competence, Postgraduate Program: Computer-Aided Training and Online Educational Platforms, Computer and Information Technology
	Introduction to e-learning, Web educational resources; Online communication; E-learning platforms; Security and good practices online.
February 2020	Certificate of participation Development of managerial skills session, Romanian Academy within the Center for the Professionalization of University Management in Romania, SIPOCA 3/117842
	Strategic University management; Financing and efficiency of using the public funds in higher education; Academic management in correlation with labour market requirements; Private alternatives for financing higher education; Monitoring the insertion of higher education graduates
July 2012	Certificate of completion for the Creativity Workshop
	Creativity Workshop, USA
	Use of creativity tools and techniques
December 2010	Project Manager
	Module Quality, Romania
	Project management
March 2009	Certified Internal Auditor for Quality Management Systems
	AJA Academy
	Quality Auditor
March 2006	Certified Quality Management Systems Assistant
	TÜV Rheinland InterCert
	Quality Assistant
PERSONAL SKILLS	
<i>Mother tongue</i>	Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	B2	B1	B2	B2	B2
Hungarian	A2	A1	A2	A1	A1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user

Common European Framework of Reference for Languages

<i>Research activity</i>	<p>Publications: 163</p> <p>ISI Thompson indexed papers in journals and in conference proceedings:40</p> <p>BDI indexed: 48</p> <p>Presentations (Plenary Speaker): 6</p> <p>Patents (co-author):</p> <p>6 Romanian patents:</p> <p>“Method for planning work load, involves determining requests, establishing interdependence between work tasks and prioritizing work tasks using algorithm based on indicator quantifying requests meeting degree of clients”;</p> <p>“Mobile marketing tool has user profile including preferences, profile containing general data and information gathered during use of user behaviour application that is extracted’</p> <p>” Device for identification and supporting of right arm movement in person with impaired mobility, has electromyography sensors which actuates shoulder and elbow of mobility-impaired person based on data acquired from sensors”;</p> <p>“Method for underground monitoring staff by technology of communication in visible light space, involves transmitting data by some distributors and storing at ground surface on dedicated server“</p> <p>“Process for storing relevant medical information on the basis of biometric identification”</p> <p>“3D spiral life cycle model based on QFD method and spiral life cycle for software products”</p> <p>1 Israelian patent:</p> <p>” Burnout Status Identification and Alarming System”,270751/18.11.2019</p> <p>Excellence diploma and Gold medal at the International Inventions Gala PRO INVENT 2015</p> <p>Diploma of Gold Medal, EuroInvent European Exhibition of Creativity and Innovation, Iasi, 2019</p> <p>Diploma of Bronze Medal, EuroInvent European Exhibition of Creativity and Innovation, Iasi, 2019</p> <p>Diplomas of Excellence, EuroInvent European Exhibition of Creativity and Innovation, Iasi, 2019</p> <p>Special Award for Environmental Protection, National Institute for Research and Development in Environmental Protection, EuroInvent European Exhibition of Creativity and Innovation, Iasi, 2019.</p> <p>Gold Medals, International Exhibition of Inventions and Innovations "Traian Vuia " Timisoara, 2019</p> <p>Silver Medals, International Exhibition of Inventions and Innovations "Traian Vuia " Timisoara, 2019</p> <p>Special Award and Excellence diploma, Corneliu Group, International Exhibition of Inventions Honorary Certificate, SIMPRO, 2018and Innovation"Traian Vuia" Timisoara, 2019</p> <p>Excellence diploma, Balkan Managers' Association, International Exhibition of Inventions and Innovation"Traian Vuia"Timisoara, 2019</p> <p>Honorary Certificate, SIMPRO, 2018</p> <p>Projects: 8 as coordinator and 14 as team member</p> <p>Books: 19 (including didactical books)</p>

Communication skills	<ul style="list-style-type: none">▪ good communication skills gained through my experience from teaching and working in research teams▪ good interdisciplinary team's coordination skills gained from projects achieved as director or theme responsible
Organisational / managerial skills	<ul style="list-style-type: none">▪ Dean of the Mining Faculty (2016-2020), Quality Management Responsible at the University of Petrosani (2010-2013)▪ Co-founder of JV Sensor Ventures Petroșani
Other skills	<ul style="list-style-type: none">▪ Sports
Driving licence	<ul style="list-style-type: none">▪ B
10.2020	Prof. Ph.D. Habil. Andreea – Cristina IONICA