

PERSONAL INFORMATION



Cornel SAMOILA

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Sex MALE; Date of birth 11/10/1941 | Nationality Romanian

JOB APPLIED FOR
POSITION
PREFERRED JOB
STUDIES APPLIED FOR

Transylvania University of Brasov
Prof.Univ.

- | | |
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| <p><i>Period</i></p> <p>• <i>Name and address of employer</i></p> <p>• <i>Activity type</i></p> <p>• <i>Function</i></p> <p>• <i>Main activities</i></p> | <p>1 OCT 1991 - PRESENT</p> <p>UNIVERSITATEA TRANSILVANIA DIN BRASOV- BDUL EROILOR No.,29, 500036-BRASOV</p> <p>High education</p> <p>Full PROFESSOR</p> <p>INDUSTRIAL FURNACES, HEATING EQUIPMENTS, HEAT TRANSFER, PROJECT MANAGEMENT, MAINTENANCE AND LOGISTICS;</p> |
| <p><i>Period</i></p> <p>• <i>Name and address of employer</i></p> <p>• <i>Activity type</i></p> <p>• <i>Function</i></p> <p>• <i>Main activities</i></p> | <p>1 OCT 1990 – 1OCT 1991</p> <p>UNIVERSITATEA TRANSILVANIA DIN BRASOV- BDUL EROILOR No.,29, 500036-BRASOV</p> <p>High education</p> <p>FULL ASSOCIAT PROFESSOR</p> <p>INDUSTRIAL FURNACES, HEATING EQUIPMENTS, HEAT TRANSFER,</p> |
| <p><i>Period</i></p> <p>• <i>Name and address of employer</i></p> <p>• <i>Activity type</i></p> <p>• <i>Function</i></p> <p>• <i>Main activities</i></p> | <p>1 OCT 1982 - 1 OCT 1990</p> <p>UNIVERSITATEA TRANSILVANIA DIN BRASOV- BDUL EROILOR No.,29, 500036-BRASOV</p> <p>High education</p> <p>ASSOCIAT PROFESSOR – IN CONTEST</p> <p>INDUSTRIAL FURNACES,</p> |
| <p><i>Period</i></p> <p>• <i>Name and address of employer</i></p> <p>• <i>Activity type</i></p> <p>• <i>Function</i></p> <p>• <i>Main activities</i></p> | <p>1 OCT.1968- 1 OCT.1982</p> <p>UNIVERSITATEA TRANSILVANIA DIN BRASOV- BDUL EROILOR No.,29, 500036-BRASOV</p> <p>High education</p> <p>LECTURER</p> <p>INDUSTRIAL FURNACES,</p> |
| <p><i>Period</i></p> <p>• <i>Name and address of employer</i></p> <p>• <i>Activity type</i></p> <p>• <i>Function</i></p> <p>• <i>Main activities</i></p> | <p>1 OCT. 1964 – 1 OCT. 1968</p> <p>UNIVERSITATEA TRANSILVANIA DIN BRASOV- BDUL EROILOR No.,29, 500036-BRASOV</p> <p>High education</p> <p>ASSISTANT</p> <p>INDUSTRIAL FURNACES,</p> |

WORK EXPERIENCE

EDUCATION AND TRAINING

- Period 1 Oct. 1971 – 19 Dec. 1979
- Name and institution type Institutul Politehnc din Brasov (Universitatea din Brasov from 1970)
- Field of studies / professional aptitudes PhD studies
- Type of qualification / Diploma obtained Dr.Eng. in Mechanical Engineering field
- Level of classification PhD studies
- Period 1 Oct. 1959 – 1 Oct 1964
- Name and institution type Institutul Politehnc din Brasov
- Field of studies / professional aptitudes Equipments for heat fabrication
- Type of qualification / Diploma obtained Mechanical engineer
- Level of classification High education
- Period 15 Sept 1959 – 15 Sept 1959
- Name and institution type " Andrei Saguna " – High School
- Field of studies / professional aptitudes VIII – XI -classes
- Type of qualification / Diploma obtained High school preparation
- Level of classification Graduate with bacalaureat diploma
- Period 15 Sept. 1948 – 15 Sept. 1955
- Name and institution type Gimnazium nr.4 si nr. 9 Brasov I – IV, and V-VII cycles
- Field of studies / professional aptitudes Basic formation
- Type of qualification / Diploma obtained Graduate of 4 and 7 classes
- Level of classification Gymnazium training
- Nivelul de clasificare a formei de instruire/invatamant Studii doctorale

PERSONAL SKILLS

Specialization in assisted design: IDEAS, Pro Eng. In LabVIEW- in the frame of TEMPUS project
Specialization in Remote Engineering- Minerva Projectg
Specialization in Quality Management – TEMPUS project

[Remove any headings left empty.]

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	A2	A2	A2	A2	A2
Replace with name of language certificate. Enter level if known.					
Spanish	A1	A1	A1	A1	A1
eplace with name of language certificate. Enter level if known.					
Russian	A1		A1		

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills good communication skills gained through my experience as coordinator of TEMPUS, NATO, SOCRATES, MINERVA, WORLD BANK projects

Organisational / managerial skills ▪ leadership as Vice-rector, Dean, vice-Dean for more than 200 peoples.

Job-related skills ▪ good command of project assessment, management of National Research Centres competition, accreditation of High education specialities in the frame of ARACIS National Agency.

Computer skills ▪ good command of Microsoft Office™ tools

Other skills Applications of mathematics in history (book at Academy Printing House)

Driving licence ▪ B

ADDITIONAL INFORMATION

Publications
Presentations
Projects
Conferences
Seminars
Honours and awards
Memberships
REFERENCES

- **Patents** : 25 with Inventor Certificate; Diploma and Badge of Romanian Inventory Society
- **Papers (selection, the last five years, in corelation with domain)**
 - **Monographies** : 9
 - **Papers published in speciality reviews**: 237 (63 ISI and ISI Proceedings)
 - **Papers published in conference proceedings**: 113
- 1. Samoila, C Ursutiu, D. Tavkheldze, A Jangidze, L Taliashvili, Z Skhiladze, G Tiorean, M " NANOGRATING LAYERS OF Si" NANOTECHNOLOGY Volume: 31 Issue: 3 Article Number: 035301 DOI: 10.1088/1361-6528/ab4889 Published: JAN 17 2020 Accession Number: WOS:000501840300001 , PubMed ID: 31560345 ,ISSN: 0957-4484 eISSN: 1361-6528 **Yellow**
- 2. Samoila, C., Ursutiu, D., Jinga, V. " EVALUATION SOFTWARE FOR EFFECTS PRODUCED BY MOOC IN MEDIUMS WITH DIFFERENT LINGUISTICALLY LEVELS" in Digital Scholarship in the Humanities, Volume 34, Issue 3, September 2019, Pages 633–645, <https://doi.org/10.1093/lc/fqy029> ISSN 2055-7671
- 3. Samoila, C., Ursutiu, D., Schleer, W.H., Jinga, V., Nascov, V. "USING NOISE AND FLUCTUATIONS FOR IN SITU MEASUREMENT OF NITROGEN DIFFUSION DEPTH" in MATERIALS , Volume: 9 Issue: 10 , Article Number: 819 , DOI: 10.3390/ma9100819 , Published: OCT 2016, Accession Number: WOS:000384670800026 ISSN: 1996-1944 , IDS Number: DX8WG **RED**
- 4. Ursutiu, D., Samoila, C., Baltes, L.S., Tiorean, M.H., Vekas, L., "LABVIEW IN ULTRASOUND PLASTIC MATERIALS MEASUREMENT", JOAM (Journal of Optoelectronics and Advanced Materials), 2013;
- 5. Jinga, V., Dudita, M., Nascov, V., Samoila, C., Ursutiu, D., "APPLICATION OF NANOSTRUCTURED TECHNOLOGY FOR ACCURACY INCREASING IN A GAS FLOW METER CASE" - Metalurgia International Vol.18-nr.5/2013 pp.152 – 158-ISSN – 1582 – 2214

Program/Projects (137)	Function	Period
1. Project TEMPUS-CME-01220-95 : « CENTRE POUR LA FORMATION DES RESSOURCES HUMAINES ET L'ACTUALISATION DES CONNAISSANCES TECHNIQUES PAR DES TECHNIQUES INTERACTIVES INFORMATIQUES » (faisability study); value: 50.000 EURO ;	Coordinator and contractor	1996
2. Project TEMPUS-S-JEP-11155-96 : « NEUE EUROPAADÄQUATE TEMPUS MANAGEMENTPROJECETE » value: 412.000 EURO ;	Contact person	
3. Project TEMPUS-S-JEP-12536-97 »CENTRE DE VALORISATION ET TRANSFERT DE COMPETENCES (CVTC) » value: 305.000 EURO ;	Coordinator and contractor	1997-1999
4. Project TEMPUS-S-JEP-13535-98 : "REGIONAL DISTANCE CENTRE FOR INTER-DISCIPLINARY TRAINING OF CIVIL SERVANTS": value:296.410 EURO ;	Partner	1998-2001
5. Project NATO-CN.NIG977217 - "IMPROVING THE NETWORKING INFRASTRUCTURE FOR INTERNET CONNECTIVITY AT THE UNIVERSITY TRANSILVANIA OF BRASOV-ROMANIA" value: 107.000 USD ;	Contact person	1999-2001
6. Project: Socrates-Minerva "VIRTUAL MENTOR-VIRTUAL TRAINING, RESOURCES AND METHODOLOGY" Nr. 100816-CP-1-2002-1-ES-Minerva-M, value: 29.968,9 EURO ;	Contact person	2001-2002
7. Project Socrates-Minerva-MARE-Joint European master program in Remote Engineering-23.000 EURO	PP-Director Contact Person	2002-2004
8. Project NATO-New Functionally Graded Materials based on Mg Alloy CBP.EAP.SFP 982301-7000 USD	Contact Person	
	PPD	2006-2008
		2007
WITH WORLD BANK		
1.- Majora Research Grant Type C "APPLICATIONS OF THE PHYSICS AND FLUCTUATIONS IN THE MATERIAL SCIENCE" ValUE: 80.000 USD ;	Grant Director	1998-2001
2.- Grant Type B - Research Base with Multiple Users -BCUM « RESEARCH AND FABRICATION CENTRE -CIM.-Rapid Prototyping »; ValUE: 64.000 USD for Brasov branch and cca.500.000 USD for the NATIONAL CENTRE OF RAPID PROTOTYPING	Grant Director	1999-2002
WITH MINISTRY OF NATIONAL EDUCATION		
1.-Grant type A " DETERMINATION OF THE DECARBURISING LAYER DEPTH USING BARKHAUSEN NOISE TECHNOLOGY" value : 100.000.000 LEI	Grant Director	1998-2000
2.- Grant type A « REGARDING APPLICATION OF THE NONDESTRUCTIVE TECHNIQUES BASED ON THE ELECTRONIC AND OPTOELECTRONIC NOISE AT APPRECIATION OF THE ELECTRONIC COMPONENTS FIABILITY" value: 158.000.000 LEI	Partner	2001-2003
3.- National Program MATNANTECH-Subprogram S9, category CP-D« MEASUREMENTS OF ELECTRONIC NOISE IN NANOMATERIALS. A NEW INVESTIGATION METHOD" (Acronim: MAZELTOV)" value : 355.000.000 lei	Partner	2002-2004
4.- Grant type A ; » TRIBOLOGICAL ANALYZE OF THE LUBRICANTS FILMS OF MOLECULAR DIMENSION USING ELECTRONIC NOISE AT MAGNETIC RECORD ON HDD-uri » value : 183.900.000 lei		
5.- CEEX-101/2006 « ADVANCED RESEARCH OF CORRELATIONS OF THE NANOMETRIC TECHNOLOGIES WITH SURFACE ENGINEERING AND NEW MULTIFUNCTIONALLY GENERATION OF EQUIPMENTS CREATION-THIN FILMS » value : 540.000 RON	Partner	2002-2004
6.- CEEX-152/2006 « ADVANCED TECHNOLOGIES USING PROCESS SENSORS FOR WEAR, CORROSION AND FATIGUE RESISTENCE LAYERS OBTAINING » value : 161.000 RON	Project responsible	2006-2008
7. CEEX- Modulus 3, 257/2006 « ROMANIAN RESEARCH PROMOTING IN THE TIC DOMANI WITH THE GOAL OF THE RACORD AT THE INITIATIVE UE-I2010 AND INTEGRATION IN THE EUROPEAN AND INTERNATIONAL RESEARCH NETWORKS (RO-I2010)- 40.000 RON	Project responsible	2006-2008
8. INNOVATION No.130/2007 2002-2013 http://europass.cedefop.europa.eu " EQUIPMENT, INSTALLATION AND TECHNOLOGY FOR VACUUM DRY AND HYDROSTATIC POLYMERISATION UNDER COMPUND FOR THE INSULATION OF THE STATORIC RODS OF TURBOGENERATORS"-Value 720.000 RON	Project responsible	2006-2008

Member in professional and scientific associations:

- Full Member of the Romanian Technical Science Academy;
- Honour member of the Engineers and Architects Association from Israel
- Member of ASM-International USA
- Member of European Association of Remote Engineering
- Member of EDEN-Europa
- Member in the Board of Experts of ABI-USA
- **Whos-Who -USA**