

PERSONAL INFORMATION

Cornel SAMOILA

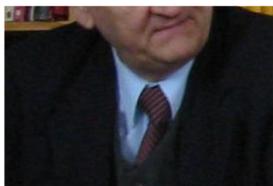
 Transilvania University of Braşov, 29 Eroilor Street, 500036 Braşov, ROMANIA

 +40 268 415213..... 

 csam@unitbv.ro

 [State personal website\(s\)](#)

Sex [Mate](#) | [Date of birth](#) | [Nationality](#) Romanian



POSITION
PHD COORDINATOR
IOSUD UTBV

PhD coordinator in the doctoral studies domain: **Materials Engineering**

Since: **Ordinul Ministrului Nr.608/22.04.1994**

Expertise fields and research interest topics within the coordinated PhD domain

- Materials Engineering
- Materials Science
- Nanomaterials

Number of PhD students (currently studying for their PhD): 2

Number of defended PhD theses (to be confirmed): **0**

Number of approved PhD titles and grades: **10** (very good)

Number of rejected theses coordinated, if any: **0**

WORK EXPERIENCE

[Add separate entries for each experience. Start from the most recent.]

Replace with dates (from - to)

Replace with occupation or position held

1 OCT.1991 – 1 OCT 2026 –FULL PROFESSOR – TRANSILVANIA UNIVERSITY OF BRASOV
1 OCT 1990 – 1OCT 1991 – Professor Asistant - Transilvania University of Brasov
1 OCT 1982 - 1 OCT 1990- Professor Asistant in contest - Transilvania University of Brasov
1 OCT 1968 – 1OCT 1982 – Lecturer – Transilvania University of Brasov
1 OCT 1965 - 1 OCT 1968 –Asistant –Transilvania University of Brasov
1 OCT 1964 – 1OCT 1965 – Preparator – Transilvania University of Brasov

[Business or sector](#) Replace with type of business or sector

EDUCATION AND TRAINING

Replace with dates (from - to)

Replace with qualification awarded

Replace with EQF
(or other) level if
relevant

15 Sept. 1948 – 15 Sept. 1955 General School nr.4 si nr. 9 Brasov
 Cicles I – IV, and V-VII
15 Sept. 1955 – 15 Sept. 1959 High School ” Andrei Saguna”
 Classes VIII - XI
1 Oct. 1959 – 1 Oct. 1964 Polytechnic Institute of Brasov – Mechanical Engineer
1 Oct. 1971 – 19 Dec. 1979 - Polytechnic Institute of Brasov / University of Brasov
 PhD studies-Dr.Eng.

[Add separate entries for each course. Start from the most recent.]

PERSONAL SKILLS

Specialization in IDEAS design, Pro Eng. and LabVIEW- TEMPUS Project
 Specialization in Remote Engineering - Minerva Project
 Specialization in Research Management - Project TEMPUS
 Specialization in Quality Management in High Education - TEMPUS Project
 [Remove any headings left empty.]

Mother tongue(s) ROMANIAN

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B1	B2	B2
	Replace with name of language certificate. Enter level if known.				
Spanish	B1	B2	B1	B1	B2
	Replace with name of language certificate. Enter level if known.				

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills • good communication skills gained through my experience as European Projects as coordinator

Organisational / managerial skills - Coordinator and collaborated on international and national grants (FP7, TEMPUS, NATO, World Bank, Socrates, Minerva, etc.)
 -President of Center for Valorization and Transfer of Competence CVTC
 -Vice-dean 1984-1990
 -Dean – 2004 - 2008
 -Vice-Rector -1992 -1996
 • Member of the Transylvania University Senate - 24 years

Job-related skills -Heat transfer, -Industrial Furnace design, -Project Management, - Remote experiment pedagogy
 -Thin films deposition, - Corrosion measurement

Driving license B Category

ADDITIONAL INFORMATION

Publications
 Presentations
 Projects
 Conferences
 Seminars
 Honours and awards
 Memberships
 References
 Citations
 Courses
 Certifications

European Projects -16 (8 coordinators, 3 contact persons, 5 members), **NATO Projects-2, World Bank Projects -2, Published paper 278** (International Books and Book Chapters -10, National Books -11, Didactic Courses 10, ISI journals -32, ISI Proceedings -35, BDI Journals -57, Conference Proceedings BDI indexed -123), **Patents-26, Research Contracts** (international – 15, National – 84) **Citations 1779** (In ISI Journals – 296)

2002-2012 CORRESPONDING MEMBER of Romanian Technical Science ACADEMY of ROMANIA; –present **FULL MEMBER MEMBER of Romanian Technical Science ACADEMY of ROMANIA**; **2007-2026 MEMBER of « AMCSIT-INOVARE »**-expert panel; **2010 MEMBER** in Administrativ Council of **AMCSIT**; **2006-2011 MEMBER** reelected in **CNCSIS**; **2002-2006 MEMBRU** reelected in **CNCSIS**. Nominated as member in « Research Assessment Commission” and President of Commission for « Excellence Centers”, **1998-2002 MEMBER** reelected in **CNCSIS** ;**1994-1998 MEMBER in C.N.C.S.U.1994-2004- PRESIDENT of PAX MUNDI Association- 2001-present PRESIDENT of Foundation for « Educatie Politica, Administrativa si Civica -FEPAC«**; **2000-2001 PRESIDENT of ASM International-Romania**; **1999-2000 VICE-PRESIDENT** of A.S.M.-International-Romania, **2000-2003 MEMBER in C.N.A.T.D.C.U. 1994-1998, MEMBER in Commission Nr.16** of Consultative College for Research-Development and Innovation; **2002-present MEMBER** in Commission Nr. 8 « **Industrial Products and Technologies”** » of Consultative College for Research-Development and Innovation of MEC; **2002-2007 « FACULTY ADVISOR »** of « TRANSILVANIA Student Chapter » ASM-International-USA; **1992-1993 founder MEMBER of FOUNDATION « SPITALUL MUNICIPAL BRASOV »**; **1993 founder MEMBER of FOUNDATION « CASINA ROMANA »**; **2002-present founder MEMBER of « ASOCIATIEI DE LUPTA IMPOTRIVA DROGURILOR »**; **1994-present EVALUATOR of CNCSIS, (Research Centers)** ; **2007 EVALUATOR pentru Platform de Cercetare**; **2007-prezent EVALUATOR ARACIS**; **2006-2008 EVALUATOR CEEX**; **2007-present EVALUATOR INOVARE**; **2007 - present EVALUATOR CNMP**;

In Abroad **2006-present MEMBER of IAEO** (International Association of Online Engineering)-Founder Member; **2005 –present MEMBER in RESEARCH BOARD OF ADVISORS** of American Biographical Institute, **2001–31 Aug.2002 MEMBRU of ASM –EUROPEAN COUNCIL**; **2001-present MEMBER of EDEN** – “European Distance Education Network”; **2001-present MEMBRU al CEDEFOP** – “European Centre for the Development of Vocational Training”- in Knowledge Management System Team, **1992-present MEMBRU in A.S.M. International I.D. Nr.161886**; **1997-present MEMBRU in ”ASSOCIATION OF ENGINEERS AND ARCHITECTS”** din ISRAEL, Diploma Nr.0014/13.04.1997;

Member in Journals Redactional Colleges:

2006-present MEMBER in Board of Editors, **iJET-International Journal of Emerging Technologies**; **2002-present MEMBER-** in Redactional College of journal « **HEAT TREATMENTS AND SURFACE ENGINEERING**”; **2004-present MEMBER** in Redactional College of Journal **Metalurgia-Bucuresti Editura Tehnica**, **2007-present MEMBER** in Redactional College of Journali “**METALURGIA INTERNATIONAL**” ISI journal up to 2013;

AWARDS: International award “NICOLA TESLA golden chain” - 2013 IGIP-(International Association of Engineering Education) Germany, The National ORDER “MERITUL CULTURAL” in Knight degree- **2008**-for scientific research; **“PRO-SCIENTIA” award of MEDCT and CNCSIS** for 10 years of activity-**17-Dec 2004**; **DIPLOMA SI INSIGNA "INVENTATOR DE ELITA"**-brevet nr.55 acordat Comisia de Inventica a Academiei Romane si de Societatea Inventatorilor din Romania, **Premiul "Traian Negrescu"** pentru lucrarea " **FUNCTIONALIZAREA SUPRAFETELOR PENTRU APLICATII MEDICALE SI ELECTRONICA**" acordat de Academia de Stiinte Tehnice in 2024.

ANNEXES

LISTA DE LUCRARI (Ultimii 5 ani)

- WoS ID; FVE-2150-2022
- Scopus ID; 6506658975
- Hirsch index; - Wos: 8 - Scopus: 9 - Google Scholar: 18

- Samoila, C., Ursutiu, D. "Affective Learning in the Context of Remote Experimentation" in International Journal of Online and Biomedical Engineering, Vol. 21 No. 04 (2025), eISSN 1424-8220, <https://doi.org/10.3991/ijoe.v21i04.54319>, Accession Number WOS:001138019800003, **IF - 1,7**
- Samoila, C., Ursutiu, D., Tudorache (Nistor) Iuliana, "The evolution from experiment to Artificial Intelligence of the fatigue failure process prediction. A Review." Materials 2025, 18, x <https://doi.org/10.3390/ma18051153>, Accession Number WOS:001442741600001, **RED, IF - 3.62**
- Modran, H.A., Ursuțiu, D., Samoila, C. "Using the Theoretical-Experiential Binomial for Educating AI-Literate Students" in Sustainability 2024, 16(10), 4068; <https://doi.org/10.3390/su16104068>, Accession Number WOS:001231648700001, eISSN 2071-1050, **Q2-Yellow, IF - 3,3**
- Samoila C, Ursutiu D., Munteanu, F., "The Remote Experiment in the Light of the Learning Theories" in International Journal of Online and Biomedical Engineering (iJOE) –Vol. 19 No. 14 (2023)- eISSN 1424-8220, <https://doi.org/10.3991/ijoe.v19i14.43163>, Accession Number, WOS:000927263000001, **IF - 1,3**
- Modran, A.H., Chamunorwa, T., Ursutiu, D., Samoila, Hedesiu, H., "Using Deep Learning to Recognize Therapeutic Effects of Music Based on Emotions" in Sensors 2023, 23(2), 986 <https://doi.org/10.3390/s23020986>, Accession Number WOS:000927263000001 PubMed ID36679783 eISSN1424-8220, **RED IF - 3.847**
- Chamunorwa, T., Modran, A.H., Ursutiu, D., Samoila, C., Hedesiu, H., "Cloud-Based, Expandable—Reconfigurable Remote Laboratory for Electronic Engineering Experiments" in Electronics Vol. 11 Issue 20, 2022 <https://doi.org/10.3390/electronics1120329> Accession Number WOS:000872619000001 **Q2 Yellow, IF - 2,69**
- Tudorache, I., Samoila C., Ursutiu, D., "Influence of Heat and Thermochemical Treatment Parameters on C75 Steel Fatigue Resistance" in Materials 2022, Volume15, Issue15, Article Number 5378; DOI:10.3390/ma15155378, Accession Number WOS:000839099900001, PubMed ID35955312, eISSN1996-1944, **RED, IF - 3,748**
- Elisa, M ; Iordache, SM ; Iordache, AM ; Stefan, CR; Vasiliu, IC; Cristea, D ; Ursutiu, D Samoila, C ; Sava, BA ; Boroica, L ; Dinca, MC ; Filip, AV ; Eftimie, M ; Enculescu, M "Investigations Regarding the Addition of ZnO and Li2O-TiO2 to Phosphate-Tellurite Glasses: Structural, Chemical, and Mechanical Properties" in MATERIALS Volume15 Issue5 Article Number1644 DOI10.3390/ma15051644 PublishedMAR 2022 eISSN1996-1944 Accession Number WOS:000774225400001 **RED -IF-3,674**
- Palade, C., Lepadatu, A.M., Slav, A., Teodorescu, V.S., Stoica, T., Ciurea, M, L. Ursutiu, D., Samoila, C., "Nanocrystallized Ge-rich SiGe-HfO2 highly photosensitive in short-wave infrared" in Materials 2021, Vol 14, issue 22 Special Issue, Article Number7040 eISSN1996-1944 DOI:10.3390/ma14227040, Accession Number WOS:000726653400001 **RED IF - 3,674**
- Chamunorwa, T, Modran, H.A., D Ursutiu, D., Samoila, C., Hedesiu, H., "Reconfigurable Wireless Sensor Node Remote Laboratory Platform with Cloud Connectivity" in Sensors 2021, Volume21 Issue19 Article Number 6405 DOI10.3390/s21196405 <https://doi.org/10.3390/s21196405> ,ISSN 1424-88220 AccessionNumber WOS:000710269900001 **RED- IF - 3,576**
- Mateescu, AO; Mateescu, G; Balan, A., Ceaus, C; Stamatin, I Cristea, D; Samoila, C ; Ursutiu, D "Stainless Steel Surface Nitriding in Open Atmosphere Cold Plasma: Improved Mechanical, Corrosion and Wear Resistance Properties" in MATERIALS, Volume: 14 Issue: 17, Article Number: 4836 DOI: 10.3390/ma14174836, 2021, ISSN: eISSN: 1996-1944, Accession Number: WOS:000694404900001 **RED - IF -3.623**
- Samoila, C., Ursutiu, D., "Correlations Determined by Remote Experiment Used for Knowledge Transfer" IEEE Transactions on Education Volume: 64, Issue: 1, pp 18-23 Feb. 2021 Print ISSN: 0018-9359 Electronic ISSN: 1557-9638 DOI: 10.1109/TE.2020.2999500 Accession Number: WOS:000615036300003, **IF - 2.116**
- Elisa, M ; Iordache, SM ; Iordache, AM ; Stefan, CR; Vasiliu, IC; Cristea, D ; Ursutiu, D Samoila, C ; Sava, BA ; Boroica, L ; Dinca, MC ; Filip, AV ; Eftimie, M ; Enculescu, M., "Investigations Regarding the Addition of ZnO and Li2O-TiO2 to Phosphate-Tellurite Glasses: Structural, Chemical, and Mechanical Article Properties" in MATERIALS Volume15 Issue5 Article Number1644 DOI10.3390/ma15051644 PublishedMAR 2022 eISSN1996-1944 Accession Number WOS:000774225400001 **RED, IF - 3,623**
- Palade, C., Lepadatu, A.M., Slav, A., Teodorescu, V.S., Stoica, T., Ciurea, M, L., Ursutiu, D., Samoila, C. "Nanocrystallized Ge-rich SiGe-HfO2 highly photosensitive in short-wave infrared" in Materials 2021, Vol 14, issue 22 Special Issue, Article Number7040, DO:10.3390/ma14227040 eISSN1996-1944 Accession Number WOS:000726653400001 **RED, IF - 3,623**
- Nascov, V., Samoila, C., Ursuțiu, D. "Corrosion Evaluated by Using Speckle Decorrelation with Potentiodynamic Test of the Corrosion Rate" 22020, on paper July 2021 -- Journal of Testing and Evaluation, Volume 49, Issue 4 ISSN: 0090-1973 DOI: 10.1520/JTE20190118 Accessio2 0190118 Accession75200026, **IF - 1.264**
- Samoila, C Ursutiu, D Tavkheldze, A Jangidze, L Taliashvili, Z Skhiladze, G Tierean, 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 , IF - 3.551**

