



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Daniel MUNTEANU**
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Nationality Romanian

Date of birth

Gender Male

Occupational field Higher education and Scientific research

Work experience

Dates September 1996 – present:

Occupation or position held - Full professor (2008-present), associate professor (2004-2008), lecturer (2001-2004), assistant professor (1998-2001), junior lecturer (1996-1998);
- Starting with March 2012, Vice-Rector of Transilvania University of Brasov
- Ph.D. coordinator in Materials Engineering field.

Main activities and responsibilities - University management (coordinating the relation with the economic and socio-cultural environment (companies, entrepreneurs and different institutes), coordinating and monitoring the campus resources, coordinating and supervising the general organizational frame and activities of students in university campus);
- Didactical activity and research activity (coordinating diploma projects, coordinating Erasmus projects, Ph.D. coordinator in Materials engineering field);

Name and address of employer Transilvania University of Brasov, 29 Eroilor Blvd., 500036, Brasov, Romania

Type of business or sector Education

Dates 1995 – 1996:

Occupation or position held Mathematics teacher

Main activities and responsibilities Teaching mathematics (geometry and algebra) for classes with human profile

Name and address of employer Mihail Cantacuzino College, Sinaia, Romania

Type of business or sector Public

Education and training

Dates 2006

Title of qualification awarded Competencies certificate in the field of Foreign trade promotion and international trade

Principal subjects/occupational skills covered Foreign trade promotion, International investments, Custom operations, Project management, Marketing, Quality management.

Name and type of organisation providing education and training World Trade Center Tokyo Inc. and Japan International Cooperation Agency – JICA

Level in national or international classification Post-university degree

Dates 1996 - 2002

Title of qualification awarded Ph.D. Diploma in the field of Materials Science and Engineering

Principal subjects/occupational skills covered Heat treatment and Surface engineering, Technologies and equipments for coatings deposition (tribological and anti-corrosive coatings), Tribology, Materials testing and characterization.

Name and type of organisation providing education and training Transilvania University of Brasov, Romania (in cooperation with Rubig GmbH – Austria, Rulmentul S.A. Brasov and Delft University of Technology – The Netherlands).

Level in national or international classification Doctoral degree

Dates 1995 - 1996

Title of qualification awarded M.Sc. Diploma in the field of Materials Science and Engineering

Principal subjects/occupational skills covered Optimizing the Industrial processes

Name and type of organisation providing education and training Transilvania University of Brasov, Romania

Level in national or international classification Master degree

Dates 1990 - 1995

Title of qualification awarded B.Sc. Diploma in the field of Materials Science and Engineering

Principal subjects/occupational skills covered Heat treatment and Surface engineering – heat and thermochemical treatment of metals and metallic alloys, solid phase transformation, Surface engineering (preparing and characterization of tribological coatings/thin films), materials characterization (physical, chemical, structural, mechanical and tribological).

Name and type of organisation providing education and training Transilvania University of Brasov, Romania

Level in national or international classification University degree

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment

European level (*)

Language

Language

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
En	C1	En	C1	En	C1	En	C1	En	C1
It	C1	It	C1	It	B1	It	B1	It	B2

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences	Communicative character and leadership abilities acquired in different educational and research programs and projects, at national and international level.
Organisational skills and competences	<ul style="list-style-type: none">- Management skills acquired like a Vice-Rector of Transilvania University of Brasov (12 years) and different research and educational grants and projects;- Organizational skills acquired like chairman or member of the organizing committees of different international conferences;- Cooperative attitude, creativity, well-schooled behavior, goodwill, positive attitude and objective spirit, affable and optimistic spirit, maximum stability.
Technical skills and competences	<ul style="list-style-type: none">- Competences in heat treatment and surface engineering;- Competences in using characterization methods of mechanical and tribological properties of coatings and thin films;- Competences in coatings and thin-films deposition methods (PVD and CVD methods);- Competences in Project management and Organizational culture;- Competences in International trade and International relations.
Computer skills and competences	MS - Windows (MS-Word, Excel, Power Point, Acces), Internet user.
Artistic skills and competences	Painting, Graphics and Music
Driving licence	Category B

Additional information

- Author or co-author of more than 100 research papers published in international journals or international conference proceedings. The main journals where the papers have been published: Applied Surface Science, Bioengineering, Materials Chemistry and Physics, Ceramics International, Tribology international, Journal of Optoelectronics and Advanced Materials, Thin Solid Films, Surface and Coatings Technology, Wear, Int. Journal of Materials and Product Technology, Journal of Nanoscience and Nanotechnology, Materials, Metals, Journal of Mechanical Behaviour of Materials, High Temperature Materials and Processes, Romanian Journal of Physics, Optoelectronics and Advanced Materials – RC etc.
- Hindex 22 – Google Scholar, Hindex 17 ISI - Web of Science.
- Author/co-author of 6 books;
- Co-organizer of Symposium I – Nano-engineered coatings and thin-films: from fundamentals to applications, European Materials research Society – EMRS, Spring Meeting, May 2024, Strasbourg – France (<https://www.european-mrs.com/nano-engineered-coatings-and-thin-films-fundamentals-applications-emrs>);
- Chairman of International Conference of Materials Science and Engineering – BRAMAT (2013, 2015, 2017, 2019, 2022), Braşov, Romania (www.bramat.ro);
- Member of Organizing Committee of Romanian Conference for Advanced Materials – ROCAM 2009 and 2012, University of Bucharest and Transilvania University of Brasov;
- Member of Organizing Committee and the scientific secretary of *Heat treatment and Surface engineering* section, International Conferences of Materials Science and Engineering - BRAMAT 2001, 2003, 2005, 2007, 2009 and 2011, Transilvania University of Brasov;
- 3 national research grants (Grant Director), and member in other 13 national and international research projects;
- Partner coordinator of the European project, RIA - Horizon 2020, (2016 - 2019) - DREAM (Driving up Reliability and Efficiency of Additive Manufacturing);
- Director of the national grant (Bridge Grant – Knowledge Transfer to industry type) CALINDRUL – The optimization of the inductive hardening eco-technology, in the case of big-size ring bearings (2016 – 2018), partner - the biggest industrial (German) company from Brasov - Schaeffler Romania;
- Managing Guest Editor for Applied Surface Science (Elsevier), Materials Today /Proceedings (Elsevier), Journal of Materials Science (Springer), Materials (MDPI), Applied Sciences (MDPI) and Advanced Materials Research (Trans Tech Publication);
- Member of editorial board – Journal of Coating Science and Technology (JCST);
- Member of National Commission of experts - Materials Science and Engineering, National Council for Certifying Academic Degrees and Diplomas - CNATDCU, Ministry of Education and Scientific Research, 2011 – today;
- The coordinator of the annual conference AFCO (The Graduates meet the companies) at Transilvania University of Brasov;
- The coordinator, at the university level, of the annual sessions of students scientific circles;
- Reviewer at more than 20 international journals;
- Member in different International Scientific Committees of some International conferences and meetings.

Braşov, June 2024