

PERSONAL INFORMATION

Gheorghe OANCEA



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WORK EXPERIENCE

- 2016-present **Professor, PhD, Dean**
 Faculty of Technological Engineering and Industrial Management, *Transilvania* University of Brasov, Eroilor Str., Nr. 29, Brasov, Romania, www.unitbv.ro

 - Didactic and scientific research activities
 - PhD supervisor, Industrial engineering

Business or sector Educational, Scientific research
- 2011-2016 **Professor, PhD, Head of Manufacturing Engineering Department**
Transilvania University of Brasov, Eroilor Str., No. 29, Brasov,
- 2003-2011 **Professor, PhD**
 Manufacturing Engineering Department, *Transilvania* University of Brasov, Eroilor Str., No. 29, Brasov
- 1999-2003 **Associate Professor, PhD**
 Manufacturing Engineering Department, *Transilvania* University of Brasov, Eroilor Str., No. 29, Brasov
- 1996-1999 **Lecturer, PhD (1997)**
 Manufacturing Engineering Department, *Transilvania* University of Brasov, Eroilor Str., No. 29, Brasov
- 1992-1996 **Assistant Professor**
 Manufacturing Engineering Department, *Transilvania* University of Brasov, Eroilor Str., No. 29, Brasov
- 1991-1992 **CARFIL Company, Zizinului Str., No. 119, Brasov, Romania, www.carfil.ro**

 - Engineer, CAD/CAPP Systems

Business or sector Industrial

EDUCATION AND TRAINING

- 2006 **ECDL CAD and ECDL Complete - Trainer/ Examiner**
 ECDL-Romania

 - AutoCAD, Microsoft Office
- 2003 **Quality management in higher education**
Transilvania University of Brasov
- 1995 **AutoDesk - Trainer**
 MAXCAD, București

- AutoCAD (2D, 3D), AutoLISP

1993-1997 **PhD, Industrial engineering/Manufacturing engineering**
Transilvania University of Brasov

- PhD thesis entitled „Processors for Technological Design”

1986-1990 **Manufacturing engineer**
Transilvania University of Brasov / Faculty of Manufacturing Engineering

PERSONAL SKILLS

Mother tongue(s) Romanian language

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

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 in didactic and research activities

- Organisational / managerial skills
- **Dean of Technological Engineering and Industrial Management Faculty (2016-present);**
 - **Head of Manufacturing Engineering Department (2011-2016);**
 - Secretary of ARACIS C10 Commission - Engineering Sciences (2019-present);
 - Member of CNATDCU Commission of Industrial Engineering and Management (2016-Present);
 - Deputy Head of Manufacturing Engineering Department (1998-2008);
 - Training director of Research platform PLADETINO (Platforms/Laboratories of Interdisciplinary Training and Research developed through NURC-CNCSIS);
 - Head of Research Centre D05-Advanced Manufacturing Technologies and Systems, ICDT-ProDD Research Institute, *Transilvania University of Brasov* (2010-2011);
 - Member of Doctoral Studies Council (CSUD), *Transilvania University of Brasov* (2016-present);
 - Member of *Transilvania University of Brasov* Senate (1987-1990, as student, and 2010-2012);
 - Member of Interdisciplinary Doctoral School Council, *Transilvania University of Brasov* (2011-2016);
 - Member of Technological Engineering and Industrial Management Faculty Council (1987-1990, as student, and 2004-present);
 - Coordinator of Industrial Engineering master and doctoral domain (2019-present);
 - Coordinator of master study program – Innovative Manufacturing Engineering (2010-2011; 2013-2017);
 - Coordinator of master study program – Engineering of Advanced Manufacturing Processes (2015-2019);
 - Coordinator of ECDL Centre UNITBV-TCM (2006-2007).
 - Coordinator of projects/contracts:
 - *Improving Access to Science and Technology Higher Education in Resource-Poor Institutions through an Open Platform for Technology Enabled Active Learning Environment.* Project Reference Number: 610186-EPP-1-2019-1-LK-EPPKA2-CBHE-JP, (2020-2022) UTBV- director.
 - *Research regarding additive manufacturing of MAX L112 electrical motor prototype.* Contract with company Electroprecizia Electrical Motors SRL - 4405/22.04.2019 (2019), Director
 - *Optimizing, Testing and Manufacturing of Prototype Parts from Automotive Industry,* Contract with company AUTOLIV Romania - 16830/30.10.2012 (2012-2016), Director;
 - *Researches Regarding Prototypes Manufacturing from Industrial Engineering Domain,*

- Contract with company DRAEXLMAIER Romania – 15346/24.11.2014 (2014-2017), Director;
- *Cost Estimating Software for Industrial Products with High Level of Customization*, Project NURC (CNCSIS) - A428 (2006-2007), Director;
- PLADETINO - Platform for Technological Innovative Developments (Platforms/Laboratories of Interdisciplinary Training and Research developed through NURC-CNCSIS), Project no. 78/2006 (2006-2008), Director of training programmes;
- Teaching and research in advanced manufacturing. CEEPUS-CIII-PL-0901-01-1415, UTBv Director.

Job-related skills

- Competences areas: Manufacturing Engineering; Innovative Manufacturing Technologies; Additive Manufacturing; Reverse Engineering, CAD/CAE/CAPP/CAM Systems.
- Well-knowing of management, didactic and research activities (currently Dean of Technological Engineering and Industrial Management Faculty).

Computer skills

- Autodesk Trainer for AutoCAD - Level 1 (2D Modelling), Level 2 (3D-Modelling) and AutoLISP, certified by MAXCAD, București, 1995;
- Examiner and trainer for ECDL CAD and ECDL Complete, certified by ECDL- Romania, București 2006.
- CAD/CAM Software systems: AutoCAD, PowerSHAPE; Mechanical Desktop.
- Programming languages: VisualLISP/AutoLISP, Delphi, C++.

Other skills

- PhD supervisor in Industrial Engineering (2009-present) with seven PhD confirmed thesis, two postdoctoral researchers, and three PhD students;
- Associate editor for Academic Journal of Manufacturing Engineering (2013-present);
- Editor for Journal of Applied Mechanics and Materials (Trans Tech Publication)-Innovative Manufacturing Engineering Conference (IManE'15), Section CAD/CAM/CAE Technologies in Design and Manufacturing;
- Editor for Conference Proceedings: CRSTS2018 CoSME'16 (ISI CPCI-S indexed) and IManEE'16 (ISI CPCI-S indexed);
- Conference Chairman: Computing and Solutions in Manufacturing Engineering (COSME'16 and CoSME'20);
- Conferences Co-chairman: Computing and Solutions in Manufacturing Engineering (COSME'12); International Conference on Modern Technologies in Manufacturing (MTEM'13), Innovative Manufacturing Engineering International Conference (IManE'14 and IManE'15);
- Reviewer for ISI journals:
 - IEEE Transactions on Industrial Informatics (2019) – IF 7.37 (Q1)
 - International Journal of Advanced Manufacturing Technology (2017-2020) - IF 2.601 (Q2);
 - Materials (2019)- IF 2.467 (Q2);
 - Metals (2019) – IF 2.259 (Q1);
 - Symmetry (2020) – FI 2,143 (Q2);
 - Computer Aided Design-Elsevir (2008) -IF 1.515 (Q1);
 - Journal of the Brazilian Society of Mechanical Sciences and Engineering (2018)- IF 1.627;
 - Strojniski vestnik - Journal of Mechanical Engineering (2018)- IF 1.182;
 - Acta Polytechnica Hungarica (2018)- IF 0.909;
 - Tehnički vjesnik – Technical Gazette (2017) - IF 0.686;
 - Mechanical Engineering Science - SAGE(2015) - IF 0.589;
- Reviewer for a lot of international conferences indexed ISI WoS CPCI;
- Official reviewer for PhD thesis (more than 35);
- Official reviewer for Habilitation thesis (more than 10);
- ARACIS expert evaluator;
- Scientific Committee Member for *Transilvania* University Bulletin;
- International Scientific Committee Member for international conferences: Central European Conference on Logistics-CECOL, International Conference on Manufacturing Engineering, Quality and Production Systems -MEQAPS, International Conference New Technologies in Manufacturing, Computing and Solutions in Manufacturing Engineering - CoSME, International Conference on Manufacturing Science and Education – MSE, International Conference on Modern Technologies In Manufacturing - MTEM, Innovative Manufacturing Engineering Conference - IManE, International Conference on Manufacturing Technologies - ICAMAT;
- Keynote speaker for ISI WoS CPCI conferences: EMESEG'10, IManEE'16, CoSME'16;
- Visiting professor (under CEEPUS program) at Slovak University of Technology in Bratislava, Faculty of Material Science and Technology in Trnava (2006, 2010, 2014, 2015) and College of Nyíregyháza, Hungary (2015, 2017).

- Visiting professor (under Erasmus program) at University of Novi Sad, Serbia (2016), Ensam Cluny, France (2016), University of Applied Sciences, Kozani, Greece (2017), University of Belgrad, Technical Faculty of Bor (2018), University of Kraguevac, Serbia, 2019.
- Stages in UE universities:
 - 1997- Quality Assurance in Higher Education – three weeks, University of Derby, UK;
 - 1997- Quality in Design and Manufacturing – two weeks, Fachhochschule Wurzburg-Schweinfurt-Aschaffenburg, Germany;
 - 1999 – Continuous Education – 2 weeks Otto von Guericke University of Magdeburg, Germany;
- The 2nd Advanced Summer Institute (FP6 program no. 016565/2006) organised in Chania, Crete, Greece, 2007.
- Member of the Additive Manufacturing Committee from Romanian Standards Association.

Driving licence ▪ B

ADDITIONAL INFORMATION

Honours and awards ▪ Prize for Excellence in Research and Human Resources Training- *PLADETINO - Platform for Technological Innovative Developments*, awarded by Transilvania University of Brasov.

Memberships Founder member of *Manufacturing Engineering University Association*

Relevant papers at:

<http://orcid.org/0000-0001-5164-1180>

<https://publons.com/researcher/1757743/gheorghe-oancea/>

Brasov, 23.03.2020
Professor Gheorghe OANCEA, PhD

