

PERSONAL INFORMATION

Gabriel-Radu Frumuşanu



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 gabriel.frumusanu@ugal.ro

Sex Male | Date of birth 28/09/1964 | Nationality Romanian

WORK EXPERIENCE

October 2004 - Present

Professor

Dunărea de Jos University, Galaţi, Romania

▪ Teaching & Research

Business or sector Education

October 2000 – September 2004

Associate Professor

Dunărea de Jos University, Galaţi, Romania

▪ Teaching & Research

Business or sector Education

October 1994 – September 2000

Assistant Professor

Dunărea de Jos University, Galaţi, Romania

▪ Teaching & Research

Business or sector Education

October 1990 – September 1994

Teaching Assistant

Dunărea de Jos University, Galaţi, Romania

▪ Teaching & Research

Business or sector Education

September 1988 – Sept. 1990

Maintenance Engineer

Arcelor Mittal, Galati, Romania

▪ Maintenance of cold milling roll equipments

Business or sector Metalurgy

MANAGERIAL EXPERIENCE

September 2019 - Present

Department Head

Manufacturing Engineering Department, Dunărea de Jos University, Galaţi, Romania

EDUCATION AND TRAINING

- 2016 **Habilitation**
 Thesis title: Optimal-Holistic-Integrated control of machine-process couple & New approaches in cutting tools profiling
 Dunărea de Jos University, Galaţi, Romania
 - Industrial engineering
- 2002 **Didactical training stage (30 days)**
 Ecole Nationale Supérieure d'Artes et Métiers, Angers, France
- 1997 **Didactical training stage (3 months)**
 Università degli Studi di Padova, Italy
- 1994 – 1999 **PhD**
 Thesis title: Profiling of tools used for machining the bevel gears from precessional transmissions
 Dunărea de Jos University, Galaţi, Romania
 - Cutting & cutting tools
- 1983 – 1988 **Bachelor of Industrial Engineering**
 Dunărea de Jos University, Galaţi, Romania
 - Manufacturing Engineering

PERSONAL SKILLS

Mother tongue(s) Romanian

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

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

Communication skills

- Team work: member in different research teams
- Good communication skills gained through my experience as assessor in Romanian Agency for Quality Assurance in Higher Education

Organisational / managerial skills

- Principal Investigator (PI) in two research projects (6/8 team members involved)

Job-related skills

- Experience in working as member of journal editorial board and in reviewing scientific papers from Manufacturing Engineering area

Computer skills

- Good command of Microsoft Office™ tools
- Experienced with AutoCAD, Algor and MatLab

Driving licence

- B

ADDITIONAL INFORMATION

Publications (selection)

- Article: *Technological solution to profile and generate the teeth of central gear for precessional gear drives* – Int J Adv Manuf Technol (2013) 67: 687-699. ISI Journal, impact factor: 1,779 (2013).
- Article: *Dimensional Compensation in Stern Tube Bushes Machining* – Applied Mechanics and Materials (2013) 332: 449-454, Trans Tech Publications, Elsevier.
- Article: *Development of a stability intelligent control system for turning* – Int J Adv Manuf Technol (2013) 64: 643-657. ISI Journal, impact factor: 1,779 (2013).
- Article: *Method for early detection of the regenerative instability in turning* – Int J Adv Manuf Technol (2012) 58: 29-43. ISI Journal, impact factor: 1,205 (2012).
- Article: *A novell traveling wave excitation measurement technique*, International Journal of Modern Manufacturing Technologies (2011) ISSN 2067–3604, Vol. III, No. 2, p. 67-72, Inspec.

Projects

- PI of the research project '*A New Theory concerning Cutting Stability, based on Process Chaotic Dynamics and its Application to Stability Intelligent Control*' (2009-2011, financed by Romanian Ministry of Education and Research)
- PI of the research project '*A New Algorithm to study enwrapped Surfaces with Application in Spiroid Worm Gear Synthesis*' (2003-2004, financed by Romanian Ministry of Education and Research)

Conferences

- Invited speaker at WSEAS International Conferences (NOLASC'09, La Laguna, Spain and NOLASC'10, El Kantaoui, Tunisia), OPTIROB (2013 – 2019), ICMERA (2014), ICMA S (2011, 2016 - 2018), ModTech (2019, 2020), NewTech (2020) and participant to other International Conferences (France, Israel, Greece, Hungary, Moldavia, Romania)

Memberships

- Member of Editorial Board: Journal of Control and System Engineering (Bowen Publishing), 'Dunărea de Jos University Annals', Fasc.V, ISSN 1221-4566 and 'Proceedings in Manufacturing Systems' journal (Romanian Academy publication), ISSN 2067-9238

