

PERSONAL INFORMATION



**Gabriel-Radu Frumuşanu**

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

JOB APPLIED FOR POSITION

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 – September 1990

**Maintenance Engineer**

Arcelor Mittal, Galati, Romania

- Maintenance of cold milling roll equipments

[Business or sector](#) Metalurgy

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 Mechanical 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	C1	C2	B2	B2	C1
French	C1	C2	B2	B2	C1

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
- Experience 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: 1,205 (2012).
  - Article: *Dimensional Compensation in Stem 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: 1,205 (2012).
  - 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).
- Projects**
- 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.
  - 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)
- Conferences**
- 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)
- Memberships**
- Invited speaker at WSEAS International Conferences (NOLASC'09, La Laguna, Spain and NOLASC'10, El Kantaoui, Tunisia) and participant to other International Conferences (France, Israel, Greece, Hungary, Moldavia, Romania)
  - 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

