

PERSONAL
INFORMATION

VALENTIN TABACARU

str. Stiintei nr. 15A
cod 800146 GALATI - ROMANIA
40 236 414 871
40 236 461 353
valentin.tabacaru@ugal.ro

Sex: M | Date of birth: 29 10 1956 | Nationality: Romanian

WORK EXPERIENCE

- 2002 – present Professor, DIT, DUNAREA DE JOS University of Galati
Head of Technological Equipments Design Laboratory, DIF
Head of Nonconventional Technologies Laboratory, DIT
- 1998 – 2001 Associated Professor, DIT, DUNAREA DE JOS University of Galati
Head of Nonconventional Technologies Programm, DIT
Head of Technological Education Programm, CUFCTT
- 1991 – 1997 Assistent Professor, DITDP
Ph.D. Student, TCM, University of Galati
- 1986 – 1991 Assistent, TCM, University of Galati
- 1984 – 1986 Research Engineer, TCM, University of Galati
- 1982 - 1984 Engineer, IUC Bacau

EDUCATION AND
TRAINING

- Scientific title Ph.D. in Machine-tools and integrated machine systems
- Doctoral thesis Analysis and syntethesis of computerised systems for electroerosion machining,
March, 1997
"DUNAREA DE JOS" University of Galati, Romania
- University University of Galati, Mechanical Engineering Faculty, Galati, Romania
From 1977 to 1982 (5 years), completed with Diplomat Engineer Degree
- Speciality Machanical Engineering
Engineer diploma obtained with 10 (maximum grade)
- School Industrial and Naval Transport High Scool, Galati, Romania
From 1971 to 1976 (5 years), completed with Junior High Scool Degree

Training, specialisation and research programmes

1. Mechanical testing of materials and quality control
Entreprise of Technological Equipment from Chemistry, Onesti-Bacau, Romania, 1982-1984 / 20 months
2. Technologies and programmes for NC/CNC machine-tools, National Institute of Scientific Research and Technologies, Bucuresti, Romania, 1985 / 1 month
3. New technologies of machine-tools manufacturing, University of Galati, Romania, 1988 / 3 months
4. Simulation and modeling of plastic deformation process, Ecole Nationale Souperieure des Mines de Paris – CEMEF, Sophia Antipolis, France, 1993 / 1 month
5. Quality evaluation and control, Universidade Nova of Lisbon, Portugal, 1998 / 2 months
6. Digital die design systems, . Centre National de la Recherche Scientifique – LPMTM, Univerite Paris Nord (XIII), France, 2001-2004 / 14 months

PERSONAL SKILLS

Mother tongue Romanian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Franch	A2	A2	A2	B1	Enter level
English	C1	B1	C1	C2	Enter level

PROFESSIONAL INTERESTS

Professional interests

- Applied research
- Technological development
- University education

Abilities

- Cutting processes and technologies
- Mechanical testing of materials
- Electroerosion process and technologies

Communication skills Professional learning and personal development, initiative, good communication skills, responsibility

Organisational / managerial skills Good leading and coordination skills of working, good management of teaching and scientific activities

Participation in PhD committees: member of 3 committees at Dunarea de Jos University of Galati, Romania

Participation in organizing committees: 4 national conferences

Job-related skills Experience and abilities in CNC technologies programming

Computer skills - Microsoft Office Profesional (Word, Excel, Power Point, Access)
- TestWorks 3.09, 4.04 (Advanced Material Testing Software)
- MTS Robin 1.6 SRCL (Siemens Robot Control Language)
- Visual Mill (MecSoft)

Other skills - Special and cutting technologies an NC/CNC systems
- Designing of cutting equipments
- Nonconventional technologies
- Robots and manufacturing systems

Driving licence B

ADDITIONAL INFORMATION

Publications 35 published papers papares in the field of nonconventional technologies and manufacturing processes

- Buruiană, A., Banu, M., Epureanu, A., Păunoiu, V., Tabacaru, V., Tensile Behavior of an A6063 Aluminium Alloy Processed by ECAP at Room Temperature, Technologies in Machine Building, ISSN 1221-4566, 2015, Metadex®, CSA Engineering Research Database, CSA Mechanical & Transportation Engineering Abstracts, CSA Copper Data Center Database

- Viorel Paunoiu, Abdel Karim Tabib, Catalina Maier, Valentin Tabacaru, Bendenability Limits In Three Roll Tube Bending, The Annals Of Dunarea de Jos University Of Galati, Fasc. V, Technologies In Machine Building, Issn 1221-4566, 2015, Metadex®, Csa Engineering Research Database, Csa Mechanical & Transportation Engineering Abstracts, Csa Copper Data Center Database

- Tabacaru V., Prediction of the stress-strain response of the ultrafine-grained materials using multiscale analysis – ASME 2010; FEDSM – 8th ICNMM 2010, Montreal, Canada; ISBN 978 – 0 – 7918 – 3880 – 8

- Epureanu A., Marinescu V., Tabacaru V., Naidim O., Marin F. – Designing of an Equipment of Nanostructuring by multi-path Shearing, THE ANNALS OF DUNAREA DE JOS UNIVERSITY OF GALATI, Fascicle V, Technologies in Machine Building, 2008,140-145p, (ISSN 1221-4566)

- Tabacaru V., Banu M. (UDJ Galati-Romania), Bouvier S.(Universite Paris 13-France) – Machinability analysis by wire cut electro-erosion of special Hard Metals, Revista de Tehnologii Neconventionale, Editura PIM, Iasi, 2007,113-120p, (ISSN 1454-3087)

- Tabacaru V., Bouvier S. – Machinability analysis by wire cut electro-erosion of special Hard Metals, The Annals of Dunarea de jos University of Galati, Fascicle V – Year XXIV, Technologies in Machine Building, 2006,66-70p, (ISSN 1221-4566)

Projects 15 research grants with Romanian Research and Technology Ministry, Ministry of Education
20 research contracts with enterprises from Romania

- Conferences - 13th International Conference of Nonconventional Technologies ICNcT 2007, May 17-18 2007, Iasi, Romania – International Scientific Committee
- 1st International Conference on Polymers processing in Engineering PPE 2007, October 25-26, Galati, Romania - International Scientific Committee
- Patents - Epureanu, M. Banu, V. Tabacaru, V. Marinescu, C. Maier, M. DIMA, V. Paunoiu - Metoda si echipament pentru nanostructurare prin deformare plastica severa, proprietar UDJ Galati, nr. inreg. OSIM / A 00086 – 2008
- Banu M, Tabacaru V, Marinescu V, Epureanu A, Constantin I, Marin F - METODA SI ECHIPAMENT PENTRU EVALUAREA PRELUCRABILITATII PRIN DEFORMARE PLASTICA A TABLELOR SUBTIRI, proprietar UDJ Galati, nr. inreg. OSIM / A 00287 - 2008
- Memberships - Romanian Association of Nonconventional Technologies Galati branch
- Romanian Academy, Research Commission of Nonconventional Technologies
- Romanian Association of Robotics