

**Curriculum vitae
Europass**



Personal information

First name / Surname	Dorin LUCA
Address	67, Dimitrie Mangeron Street, 700050 Iasi, Romania
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E-mail	dluca@tuiasi.ro
Nationality	Romanian
Date of birth	July 5, 1962
Gender	Male

**Desired employment /
Occupational field**

“Gheorghe Asachi” Technical University of Iasi,
Faculty of Materials Science and Engineering,
Department of Technologies and Equipments for Materials Processing

Work experience

Dates	September 1987 – September 1990
Occupation or position held	Engineer
Main activities and responsibilities	- Design and prototyping of special and series machine-tools; - Supervising of prototypes manufacturing.
Name and address of employer	Enterprise of Machine-Tools, 30, Calea Unirii, Suceava, Romania
Type of business or sector	Manufacturing
Dates	October 1990 – February 1998
Occupation or position held	Assistant Professor
Main activities and responsibilities	Laboratory activities, scientific research
Name and address of employer	“Gheorghe Asachi” Technical University of Iasi, 67, Dimitrie Mangeron Street, Iasi, Romania
Type of business or sector	Education and research
Dates	February 1998 – February 2003
Occupation or position held	Lecturer
Main activities and responsibilities	Laboratory and course activities, scientific research
Name and address of employer	“Gheorghe Asachi” Technical University of Iasi, 67, Dimitrie Mangeron Street, Iasi, Romania
Type of business or sector	Education and research
Dates	February 2003 – February 2016
Occupation or position held	Associate Professor

Main activities and responsibilities - Laboratory and course activities, scientific research
- Director of national scientific research projects
- Director of master program "Advanced Techniques in Materials Processing Engineering"
- Committee Chairman of dissertation for master program "Advanced Techniques in Materials Processing Engineering"

Name and address of employer "Gheorghe Asachi" Technical University of Iasi, 67, Dimitrie Mangeron Street, Iasi, Romania

Type of business or sector Education and research

Dates February 2016 – Present

Occupation or position held Professor

Main activities and responsibilities - Laboratory and course activities, scientific research
- Director of international scientific research project
- Director of master program "Advanced Techniques in Materials Processing Engineering"
- Committee Chairman of dissertation for master program "Advanced Techniques in Materials Processing Engineering"

Name and address of employer "Gheorghe Asachi" Technical University of Iasi, 67, Dimitrie Mangeron Street, Iasi, Romania

Type of business or sector Education and research

Dates August 2016 – Present

Occupation or position held Professor habilitat, PhD supervisor

Main activities and responsibilities - The major objective of this activity is to contribute to the training of highly qualified specialists through PhD theses
- Laboratory experimental research, theoretical foundation, modeling and simulation
- Guiding development activities (training) PhD theses

Name and address of employer "Gheorghe Asachi" Technical University of Iasi, 67, Dimitrie Mangeron Street, Iasi, Romania

Type of business or sector Research

Education and training

Dates September 1982 – June 1987

Title of qualification awarded Engineer diploma (Bachelor of Engineering) - Mechanic Profile - Graduation chief

Principal subjects/occupational skills covered Metals study, Materials technology, Plastic deformation technologies, Equipments for plastic deformation

Name and type of organisation providing education and training "Gh. Asachi" Polytechnic Institute of Iasi, Faculty of Mechanics, Technologic Equipment Specialization

Level in national or international classification ISCED 6

Dates May 1989 – June 1989

Title of qualification awarded Postgraduate diploma

Principal subjects/occupational skills covered Flexible lines and numerical command machine-tools

Name and type of organisation providing education and training "Gh. Asachi" Polytechnic Institute of Iasi, Faculty of Mechanics

Level in national or international classification ISCED 7

Dates February 1992 – December 2000

Title of qualification awarded Doctor diploma (PhD) - Materials Science and Engineering Area

Principal subjects/occupational skills covered Thesis title: "Research and contributions regarding plastic processing by the electromagnetic forming proceeding"

Name and type of organisation providing education and training "Gheorghe Asachi" Technical University of Iasi, Faculty of Materials Science and Engineering

Level in national or international classification	ISCED 8
Dates	February 2005 – January 2006
Title of qualification awarded	Master diploma
Principal subjects/occupational skills covered	Safety and Health at Work
Name and type of organisation providing education and training	“Gheorghe Asachi” Technical University of Iasi, Faculty of Materials Science and Engineering
Level in national or international classification	ISCED 7
Dates	February 2006 – April 2006
Title of qualification awarded	Postgraduate diploma
Principal subjects/occupational skills covered	Risk evaluator in Safety and Health at Work
Name and type of organisation providing education and training	“Gheorghe Asachi” Technical University of Iasi, Faculty of Materials Science and Engineering
Level in national or international classification	ISCED 7
Dates	April 2006 – July 2006
Title of qualification awarded	Postgraduate diploma
Principal subjects/occupational skills covered	Auditor in Safety and Health at Work
Name and type of organisation providing education and training	“Gheorghe Asachi” Technical University of Iasi, Faculty of Materials Science and Engineering
Level in national or international classification	ISCED 7
Dates	October 2009 – July 2010
Title of qualification awarded	Master diploma
Principal subjects/occupational skills covered	Fire Security of Buildings
Name and type of organisation providing education and training	“Gheorghe Asachi” Technical University of Iasi, Faculty of Civil Engineering and Building Services
Level in national or international classification	ISCED 7
Dates	October 2009 – July 2010
Title of qualification awarded	Master diploma
Principal subjects/occupational skills covered	Management and Commercial Engineering
Name and type of organisation providing education and training	“Gheorghe Asachi” Technical University of Iasi, Regional Training Center in Public and Private Business Administration
Level in national or international classification	ISCED 7
Dates	November 2018 – December 2018
Title of qualification awarded	Postgraduate diploma
Principal subjects/occupational skills covered	Quality, Ethics and Academic Integrity

Name and type of organisation providing education and training "Gheorghe Asachi" Technical University of Iasi, Teaching and Quality Assurance Vice-Rectorate

Level in national or international classification ISCED 7

		Understanding		Speaking				Writing			
Self-assessment		Listening		Reading		Spoken interaction		Spoken production			
European level (*)											
English		B1	Independent user	B1	Independent user	A2	Elementary user	A2	Elementary user	A2	Elementary user
French		B1	Independent user	B1	Independent user	A2	Independent user	A2	Elementary user	A2	Elementary user

(*) Common European Framework of Reference for Languages

Social skills and competences Communication skills in various environments; analysis, synthesis and decision making skill; critical and self-critical attitude; fighting spirit and responsible

Organisational skills and competences The organization of teaching activities, of fundamental and applied research of plastic deformation processes

Technical skills and competences Programming and conducting of experiments; Using research installations and equipment; Computer aided design of plastic deformation technologies; Finite element analysis of plastic deformation processes; Mathematical modeling of plastic deformation processes

Computer skills and competences - Operating system: Microsoft Windows;
- Software applications: MathCad, AutoCad, Superform, Microsoft Office, various dedicated software application for Materials Science and Engineering.

Artistic skills and competences -

Other skills and competences - Scientific reviewer for Trans Tech Publications journals, Journal Alloys and Compounds, MDPI;
- Scientific Reviewer at international conferences (Bramat, IManE&E, CMSE, SESAM, IOP);
- Evaluator of research projects from National Programme of Research-Development and Innovation;
- Inventor.

Driving licence B category

Additional information - Member of the Inventors Society of Romania;
- Member of the Welding Association of Romania;
- Member of the Romanian Society of Specialists in Environmental Engineering and Renewable Energy.

Habilitation thesis:

LUCA, D., Some results of experimental investigation and numerical modeling of electromagnetic forming processes. Habilitation Thesis, "Gheorghe Asachi" Technical University of Iasi, June 2016.

Date: 22.02.2023;

Place: Iasi, Romania