

## PERSONAL INFORMATION



## Costica BEJINARIU

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🗨 [Redacted]  
🗨 [Redacted]  
Sex M | Date of birth [Redacted] | Nationality Romanian

## POSITION Professor

## WORK EXPERIENCE

April 2012 – present

## Vice-Dean of the Faculty of Materials Science and Engineering

“Gheorghe Asaschi” Technical University of Iasi, 67 Dimitrie Mangeron street, 700050, Iasi, Romania,  
<https://www.tuiasi.ro>

- Responsible for research, development and innovation

Business or sector Education & Research

October 2009 – present

## Ph.D Scientific Supervisor

“Gheorghe Asaschi” Technical University of Iasi, 67 Dimitrie Mangeron street, 700050, Iasi, Romania,  
<https://www.tuiasi.ro>

- The field of Materials Science, MATERIALS ENGINEERING

Business or sector Education & Research

May 1989 – present

## Professor (2008 – present), Associate professor (2000 – 2008), Lecturer (1996 – 2000), Assistant professor (1989 – 1996)

Gheorghe Asaschi Technical University of Iasi, 67 Dimitrie Mangeron str., 700050, Iasi, Romania,  
<https://www.tuiasi.ro>

- Teaching and Research

Business or sector Education & Research

September 1987 – May 1989

## Project Engineer

Institute for Scientific Research and Technological Engineering for Machine Tools and Fine Mechanics, “ICSIT Titan” Bucharest, Iasi branch, Romania

- Design of Special-purpose Machine Tools

Business or sector Industry

September 1985 – September 1987

## Technologist Engineer

Turbomecanica S.A., Bucharest, Romania

Numerical Control Workshop

- Manufacturing of aircraft engines parts by CNC machining center

Business or sector Industry

**EDUCATION AND TRAINING  
MAIN STUDIES**

- 1990 – 1997 **Ph.D in Engineering** 8 EQF level  
 “Gheorghe Asaschi” Technical University of Iasi, 67 Dimitrie Mangeron str., 700050, Iasi, Romania,  
<https://www.tuiasi.ro>  
 ▪ Ph.D in the field of Materials Science, MATERIALS ENGINEERING
- 1980 – 1985 **B.Sc.M.E** 6 EQF level  
 “Gheorghe Asaschi” Technical University of Iasi, 67 Dimitrie Mangeron str., 700050, Iasi, Romania,  
<https://www.tuiasi.ro>  
 ▪ Mechanical Engineer, Machines Manufacturing Technology Specialization

**EDUCATION AND TRAINING  
OTHER STUDIES**

- 2007 – 2008 **Master degree** 7 EQF level  
 “Gheorghe Asaschi” Technical University of Iasi, 67 Dimitrie Mangeron str., 700050, Iasi, Romania,  
<https://www.tuiasi.ro>  
 ▪ Master studies in Occupational Safety and Health
- 2009 **Postgraduate degree** 7 EQF level  
 “Gheorghe Asaschi” Technical University of Iasi, 67 Dimitrie Mangeron str., 700050, Iasi, Romania,  
<https://www.tuiasi.ro>  
 ▪ Postgraduate studies in Occupational hygiene
- 2008 **Postgraduate degree** 7 EQF level  
 “Gheorghe Asaschi” Technical University of Iasi, 67 Dimitrie Mangeron str., 700050, Iasi, Romania,  
<https://www.tuiasi.ro>  
 ▪ Postgraduate studies in Occupational Safety and Health Audit
- 2007 **Postgraduate degree** 7 EQF level  
 “Gheorghe Asaschi” Technical University of Iasi, 67 Dimitrie Mangeron str., 700050, Iasi, Romania,  
<https://www.tuiasi.ro>  
 ▪ Postgraduate studies in Safety and Health at Work, Risk assessment.

**PERSONAL SKILLS**

Mother tongue Romanian

Other language

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Listening	Reading
English	B1	B1	A2	A2	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](#)

Communication skills

- communication skills obtained through specialization studies for the occupation of FORMATOR, code COR 241205: training preparation, carrying out training activities, participants evaluation, using of special training methods and techniques, marketing of training, design of training programs, programs and training sessions organization, evaluation, programs and training sessions review and quality assurance;
- communication skills obtained through the pedagogy course;
- communication skills obtained as professor at bachelor, master and doctoral programs.

Organizational / managerial skills

- since 2012 until present, I am the vice-dean responsible for the research development and innovation activities at Faculty of Materials Science and Engineering from "Gheorghe Asachi" Technical University of Iasi, Romania;
- leadership (I am currently responsible for a team of 10 Ph.D. students);
- specialization on Partnerships in priority areas - Elements of monitoring of funded, 2008, Sinaia, organized by the National Center for Programs Management Bucharest;
- specialization on Project Monitoring 2005, Managing Agency for Scientific Research, Innovation and Technological Transfer - POLITEHNICA, Bucharest.

Job-related skills

Responsibilities

- coordinating bachelor and master degree programs in the field of Industrial Engineering;
- manage the Bachelor's Degree Program in Industrial Engineering;
- coordinating the Risk Management Team at the Faculty of Materials Science and Engineering from the "Gheorghe Asachi" Technical University of Iasi (2016 - present);
- member of the Faculty Council at the Faculty of Materials Science and Engineering (2004 - present);
- member of the University Senate at the "Gheorghe Asachi" Technical University of Iasi (2016 – present);
- secretary of the Charter, Ethics, Regulations and Incompatibilities TUIASI Senate Committee (2016 - present);
- member of the Committee on Institutional Strategy, Infrastructure and Financial Management TUIASI Senate Committee (2016 - present);
- member of the Disciplinary Deviation Analysis and Research TUIASI Committee (2014 - present);
- member in doctoral, masters, postgraduate specialization committees (2004 - present).

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Independent user	Independent user

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user  
[Common European Framework of Reference for Languages](#)  
 ECDL certificate (European Computer Driving License), Series RO, number 059335.  
 Competences – Base concepts for Information Technology (IT), computer using and files organizing, text processing, spreadsheets, data base, presentation.

- CAD-CAM software, autodidact;
- data acquisition software's (e.g. ESAM), autodidact.

Other skills

- Educational Research and Evaluation.
- expert Evaluator CNCSIS, 2004-2006: A type grants, TD, CeEx tip PC projects;
  - expert-Evaluator/Raportor UEFISCDI, September-December 2017, projects for 2016 competitions – Research projects to stimulate young independent teams (TE) and Postdoctoral Research (PD) projects within the Human Resources Subprogram.
  - expert-Evaluator UEFISCDI, 2020, projects for 2019 competitions – Research projects to stimulate young independent teams (TE) projects within the Human Resources Subprogram.
  - member of the Materials Engineering Commission, the field of Engineering Sciences at the National Council for Attestation of Titles, Diplomas and Certificates (CNATDCU 2016-2020), which is a consultative body at national level in Romania.

Driving license

AM, B1, B categories.

## ADDITIONAL INFORMATION

- Publications** 18 books, from which:  
2 books published abroad (USA, Grecia);  
16 books published in Publishing Houses from Romania;
- 238 scientific papers, from which:  
47 „Article” papers type, ISI – Web of Science – Clarivate Analytics indexed;  
30 „Proceedings Paper” papers type, ISI – Web of Science – Clarivate Analytics indexed;  
3 „Article” papers type, Scopus indexed;  
16 „Conference Paper” papers type, Scopus indexed;  
11 papers published on scientific.net, Matec of Conferences;  
5 papers published on other data bases;  
62 papers in International Journals;  
13 papers in international scientific manifestation;  
51 papers in national scientific manifestation.
- Inventions** 11 patents;  
1 patent application.
- Citations** over 500
- Projects** Project Manager, 2 grants CNMP-PN2 program 4, field 7 (2007 – 2011);  
Project Manager, 1 grant CeEx (2006 – 2008);  
Project Manager, 1 grant RELANSIN (2004 – 2006);  
Project Supervisor, 2 grants ORIZONT 2000 (1995 – 1996);  
Member of Research team, 28 grants PN2, MCT, CeEx, RELANSIN, CERES, Matnantech, Inovation manifestations etc. (1999 – 2017).
- Memberships** Romanian Welding Society;  
Romanian Inventors Forum;  
The Professional Association in Modern Manufacturing Technologies, ModTech;  
Association of Specialists and Experts in Occupational Safety and Health Iasi;  
The General Association of Engineers in Romania.
- Honors and awards** MÉRITE DE L'INVENTION DE CHEVALIER, no. 2433, Bruxelles 2011.

## ANNEXES

Publications and Research

2020-05-14

Costica BEJINARIU