

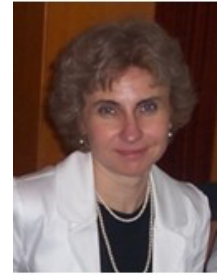


## Curriculum vitae Europass

### Personal information

First name(s) / Surname

**Andrea Cătălina DEACONESCU**



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Nationality Romanian

### Work experience

Dates	2009 onwards		
Occupation or position held	University Professor		
Main activities and responsibilities	Teaching and research		
Name and address of employer	Transilvania University of Braşov		
Dates	2007 – 2009,	2002 – 2007,	1991 - 2002
Occupation or position held	Associate professor	Senior lecturer	Reference Researcher and HOD
Main activities and responsibilities	Teaching and research		
Name and address of employer	Transilvania University of Braşov	Transilvania University Library	
Dates	1988 - 1991		
Occupation or position held	Engineer (Designing)		
Main activities and responsibilities	Industrial design		
Name and address of employer	Motor Truck Company of Brasov		
Dates	1985 - 1988		
Occupation or position held	Engineer (Designing)		
Main activities and responsibilities	Industrial design		
Name and address of employer	Aggregate Machine-Tools and Motor Vehicle Subassembly Company of Sf. Gheorghe, Covasna County		

### Education and training

Dates	2001 - 2005		
Title of qualification awarded	Doctorate (PhD) in Industrial engineering		
Name and type of the organisation	Transilvania University of Braşov		
Level in national or international classification	ISCED 8		
Dates	1998 - 2000		
Title of qualification awarded	Master of Arts		
Name and type of the organisation	University of Central England Birmingham, UK		
Dates	1980 – 1985		
Title of qualification awarded	Engineer (Engineering Degree) in Machine Tools		
Name and type of the organisation	Transilvania University of Braşov		

## Other specialisations and qualifications

- 1988 Advanced training course in Product Quality Control. Certificate Series A no. 349/89 issued by the Ministry of Machines Manufacturing Industry (MICM)
- Since 1991 Authorized translator for English and German
- 2005 Institute of Automation Technology (IAT) Bremen, Germany (modelling and simulation of mechatronic systems)
- 2006, 2008 Institute of Automation Technology (IAT) Bremen, Germany (fluidic actuation and automation)

## Other languages

### Self-assessment

European level (\*)

### English

### German

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	Written expression
English	C2	C2	C2	C2	C2
German	C2	C2	C2	C2	C2

(\*) [Common European Framework of Reference Level](#)

## Organisational skills and competences

- 2021 – Initiator and Coordinator of the Master’s Study Programme “Industrial Business Management and Entrepreneurship”, delivered in English.
- 2012 – 2018: coordinator of the Marketing and Image Office of Transilvania University of Braşov.
- Head of Library Services, the Library of Transilvania University of Braşov;
- Project management (director) of 16 educational and research contracts (CNCSIS PN-II-RU, PN-II-IDEI, PN-III, with Romanian industrial companies)
- PhD tutor since 2016 – field: Industrial Engineering
- 2004 – Coordinator of the Production Organization and Management Course
- Co-organiser of the International Conference of Economic Engineering and Manufacturing Systems (ICEEMS Braşov) in the years 2003, 2005, 2007, 2009, 2011, 2013
- Co-organiser of several international Conferences on Manufacturing and Industrial Technologies.

## Additional information

### Fields of competence

Robust Design, Rehabilitation Robotics, Communication Management

### Publications

- 10 monographs, of which 2 published abroad by Springer/2011 and the American Institute of Physics/2009
- 163 scientific papers, of which 54 indexed by ISI (18 Journals and 36 Proceedings)
- Two invention patents

### Membership in professional and scientific associations

- International Association of Engineers Hong Kong (IAENG)
- Senior member of the International Association of Computer Science and Information Technology Singapore (IACSIT)
- Romanian Association of Non-Conventional Technologies/Asociația Română de Tehnologii Neconvenționale (ARTN)
- Senior member of SCIEI (Science and Engineering Institute)

### Teaching activity at universities abroad

- ERASMUS Bilateral Agreement - Teaching staff mobility, IAT, Bremen University, Germany (2001, 2002, 2005, 2006, 2007).
- ERASMUS Bilateral Agreement - Teaching staff mobility, Odense University College, Denmark, (2003).
- ERASMUS Bilateral Agreement - Teaching staff mobility, ENSAM Cluny, France, (2008, 2009, 2010).

### Activity connected to scientific events (conferences, workshops)

- Member of the Scientific Board of the International Conference of Economic Engineering and Manufacturing Systems (ICEEMS Braşov) in the years 2003, 2005, 2007, 2009, 2011, 2013.
- Member of several scientific boards of international conferences
- Keynote speaker at several international conferences with Clarivate Analytics indexed proceedings
- Coeditor of a Clarivate Analytics indexed proceedings volume
- Session chair in international conferences
- Permanent Scientific Consultant of IEEE-ASME Transactions on Mechatronics Journal
- Reviewer at several ISI Journals: *IEEE-ASME Transactions on Mechatronics Journal* (Q1), *Polymers* (Q1), *International Journal of Advanced Robotic Systems*, *Strojniški vestnik - Journal of Mechanical Engineering*.
- Reviewer at several International conferences.

## Prizes and honours

2020 - Awarding of research results – articles, PN-III-P1-1.1-PRECISI-2020-44273

2020 - Awarding of research results – articles, PN-III-P1-1.1-PRECISI-2020-44540

2019 - Awarding of research results – articles, PRECISI-2019-29715

2019 - Awarding of research results – patents, PNCDI III-SP 1.1- PRECBVT-2019-2934

2017 - Awarding of research results – patents, PN-III-P1-1.1- PRECBVT-2017-0723

Best paper Award:

- *Pneumatic Muscle Actuated Isokinetic Equipment for the Rehabilitation of Patients with Disabilities of the Bearing Joints*. International MultiConference of Engineers and Computer Scientists Hong Kong 2009
- *Study Concerning the Energy-to-Mass Ratio in Pneumatic Muscles*. ICAMIE 2016: 18th International Conference on Advanced Manufacturing and Industrial Engineering, Seoul, Korea, 2016