

## Europass Curriculum Vitae



### Personal information

**First name(s) / Surname(s)** **Assoc. Prof. Dr.-Ing. Lovasz Erwin-Christian**  
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**Nationality** romanian  
**Date of birth** 17/06/1967  
**Gender** male

### Work experience

**Dates** 01.09.1990 until now  
**Occupation or position held** assistant, assistant professor, associate professor  
**Main activities and responsibilities**

- teaching activity
- research activity
- management activity (Head of Mechatronics Department up 2008)

**Name and address of employer** Politehnica University Timișoara, Mechanical Faculty, Department of Mechatronics, Bv. Mihai Viteazu nr.1, RO-300222, Timișoara  
**Type of business or sector** teaching, research  
**Dates** 01.09.1990-01.04.1991  
**Main activities and responsibilities** Engineer  
**Main activities and responsibilities** research and design activity in the field of optical devices  
**Name and address of employer** Optica Company Timisoara, Timisoara, Romania  
**Type of business or sector** research and design in the field of precision mechanics

### Education and training

**Dates** 01.02.1992-05.06.1998 (28.02.1998)  
**Title of qualification awarded** Mechanics / PhD Diploma  
**Principal subjects/occupational skills covered** Mechanisms Theory, Precision Mechanics  
**Name and type of organisation providing education and training** Technische Universität Dresden  
 Universitatea „Politehnica din Timișoara (Joint PhD coordination)  
**Level in national or international classification** ISCED 7 level  
**Dates** 15.09.85-15.07.1990  
**Title of qualification awarded** Mechanical Engineer (Domain Precision Mechanic) / Dipl.-Ing.  
**Principal subjects/occupational skills covered** Measurement Equipments, Metrology, Optical Devices, Biomedical Devices Precision Mechanics Technology  
**Name and type of organisation providing education and training** Institutul Politehnic Traian Vuia Timisoara (now Universitatea Politehnica Timișoara)  
 Mechanical Faculty  
**Level in national or international classification** ISCED 6 level

Dates 15.09.1981-15.09.1985  
 Title of qualification awarded Electromechanic / Bacalaureat  
 Principal subjects/occupational skills covered Electrotechnics and Mechanics  
 Name and type of organisation providing education and training High School Agroindustrial Buzias, Electrotechnic section  
 Level in national or international classification ISCED 5 level

Mother tongue(s) **German and hungarian**

Other language(s)

Self-assessment

European level (\*)

**German**

**English**

**Hungarian**

| Understanding |                            |         |                            | Speaking           |                            |                   |                            | Writing |                            |
|---------------|----------------------------|---------|----------------------------|--------------------|----------------------------|-------------------|----------------------------|---------|----------------------------|
| Listening     |                            | Reading |                            | Spoken interaction |                            | Spoken production |                            |         |                            |
| C2            | Competent language skills  | C2      | Competent language skills  | C2                 | Competent language skills  | C2                | Competent language skills  | C2      | Competent language skills  |
| A1            | Elementary language skills | A1      | Elementary language skills | A1                 | Elementary language skills | A1                | Elementary language skills | A1      | Elementary language skills |
| C2            | Competent language skills  | A1      | Elementary language skills | C1                 | Competent language skills  | C1                | Competent language skills  | A2      | Competent language skills  |

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

Social skills and competences

- teamwork skills (management and collaboration to complete to finalizing research projects)  
 - adaptability to multicultural environments (participation with positive results at the scientific conferences, many fellowships, professional exchanges in worldwide universities and companies)  
 - good communications skills (in the professional context)

Organisational skills and competences

up 06.03.2008 Head of Mechatronics Department - Universitatea Politehnica Timișoara  
 up 30.08.2005 Scientific Vice Chair of the Romanian IFToMM Organization - ARoTMM  
 01.01.2005-31.12.2011 Member of IFToMM Constitution Committee 2004-2011  
 up 01.01.2012 Chair of the IFToMM Technical Committee Linkages and Mechanical Controls (International Federation of the Promotion of Mechanism and Machine Science)

Technical skills and competences

- 138 scientific papers (45 international, 27 indexed in Scopus, IEEE, Springer, 26 indexed ISI Proceedings, 5 indexed ISI Journal)  
 - 26 research grants and projects (6 as project leader)  
 - 11 books (5 as editor)  
 - Associate editor at International Journal of Advances Robotics Systems

Visits and international exchanges

Technische Universität Dresden, Germany, "Politehnico" University of din Milano, Italy, Technical University of Liberec, Cech Republic, Technische Universität Chemnitz, Germany, University of Praga, Cech Republic, Gödöllői Agrartudományi Egyetem, Hungary, University of Oulu, Finland, University of Nis, Serbia, University of Bonn, Germany, Technische Universität Braunschweig, Germany, Technische Universität Ilmenau, Germany, RWTH University Aachen, Germany, Technical University of Tianjin, China, University Franche-Comté LMARC Besancon, France, University of applied science Osnabrück, Germany, University of technology HAMK, Finland, University of Guanajuato, Mexico, Institut Français de Mécanique Avancée IFMA, France, University of Basc Country Bilbao, Spain, Tokyo Institute of Technology, Japan, University of Cassino, Italy, National Taiwan University of Technology and Science, Taiwan, Izmir Institute of Technology, Turkey

Other skills and competences

1995 DAAD Fellowship, Intensiv German language study, Herder Institut Leipzig, (7 weeks.)  
 1996-1997 DAAD Research Fellowship, Technische Universität Dresden, (6 months)  
 1999 Pro Renovanda Cultura Fellowship, Gödöllői Agrartudományi Egyetem, (4 weeks)  
 2001-2002 Humboldt Research Fellowship, Roman Herzog Project, Technische Universität Dresden  
 up 2004 Erasmus Teaching fellowships, Technische Universität Dresden, (annual 2-4 weeks)  
 2014 Teaching Fellowship, National Taiwan University of Technology and Science, (1 week)  
 2015 Erasmus Teaching fellowships, University of Cassino, (1 week)

Driving licence

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