

## CURRICULUM VITAE



### PERSONAL INFORMATION

Name	LAURA DIANA COTOROS
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Nationality	Romanian
Date of birth	1962 NOVEMBER 1ST

### EDUCATION AND TRAINING

- |                                                                  |                                                                   |
|------------------------------------------------------------------|-------------------------------------------------------------------|
| • Dates (from – to)                                              | 1.10.1981-15.07.1986                                              |
| • Name and type of organization providing education and training | Transilvania University of Brasov, Romania                        |
| • Principal subjects/occupational skills covered                 | Machine Construction Technology                                   |
| • Title of qualification awarded                                 | Engineer diploma                                                  |
| • Dates (from – to)                                              | 1992-1998                                                         |
| • Name and type of organization providing education and training | "Transilvania" University of Braşov, Romania                      |
| • Principal subjects/occupational skills covered                 | Contributions regarding the motion stability of directional gyros |
| • Title of qualification awarded                                 | Ph.D. Mechanics                                                   |
| • Dates (from – to)                                              | 15-21.09.2007                                                     |
| • Name and type of organization providing education and training | International Centre of Mechanical Sciences, Udine, Italy         |
| • Principal subjects/occupational skills covered                 | Simulation Techniques in Applied Dynamics                         |
| • Title of qualification awarded                                 | Certificate                                                       |
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- ### WORK EXPERIENCE
- |                                        |                                                                                                                                                                                                                       |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| • Dates (from – to)                    | 2001- present                                                                                                                                                                                                         |
| • Name and address of employer         | "Transilvania " University of Brasov, Romania                                                                                                                                                                         |
| • Type of business or sector           | Education and Research                                                                                                                                                                                                |
| • Occupation or position held          | Associate Professor                                                                                                                                                                                                   |
| • Main activities and responsibilities | -Courses in Mechanics, Dynamics of Rigid Bodies, C++ programming<br>-Research activity in composite materials, recycling of composite materials, management of composite wastes, computational methods in engineering |

- Dates (from – to) 1997-2001
- Name and address of employer "Transilvania " University of Brasov, Romania
- Type of business or sector Education and Research
- Occupation or position held Lecturer
- Main activities and responsibilities -Courses and Laboratory courses in Mechanics, Dynamics of Rigid Bodies  
-Research activity in computational methods in engineering, gyroscopic aircraft devices, heat engineering

- Dates (from – to) 1991-1997
- Name and address of employer "Transilvania " University of Brasov, Romania
- Type of business or sector Education and Research
- Occupation or position held Assistant
- Main activities and responsibilities -Seminars and Laboratory courses in Mechanics  
-Research activity in computational methods in engineering, mechanical vibrations, heat engineering

- Dates (from – to) 1986-1991
- Name and address of employer Aeronautical Romanian Company
- Type of business or sector Industrial Production
- Occupation or position held Engineer
- Main activities and responsibilities Manufacturing technologies in heating and hydraulic aircraft systems

#### MANAGEMENT SKILLS

##### In Education

- supervisor of students scientific research
- Socrates program coordinator at department level
- scientific responsible of the department

##### In Research

- Project manager of more than 15 research grants
- Scientific reviewer for national Journals and books
- Expert in MCT and CNCSIS Commissions
- Member of the Romanian Engineering Association
- Member of International Association of Engineering
- Member of World Scientific and Engineering Academy and Society
- Member of the Research Centre: Virtual Engineering from Transilvania University of Brasov

#### PUBLICIST ACTIVITY

- 70 scientific papers published in Romanian and International Journals (ISI)
- 1 patent
- 9 books

#### Research Domains and Valorization

##### Research domains

- computational methods in engineering
- aircraft equipments
- management of composite materials wastes
- heating technologies

##### Research valorization

Technologies transfer, 1 patent concerning new technology for heat exchangers testing

#### PERSONAL SKILLS AND COMPETENCES

- Good communication and team working skills, good organizer and administrator
- Competences in psychology, music and literature.

#### MOTHER TONGUE

ROMANIAN

OTHER LANGUAGES

	ENGLISH
• Reading skills	VERY GOOD
• Writing skills	VERY GOOD
• Verbal skills	VERY GOOD
	FRENCH
• Reading skills	SATISFACTORY
• Writing skills	SATISFACTORY
• Verbal skills	SATISFACTORY
	GERMAN
• Reading skills	GOOD
• Writing skills	GOOD
• Verbal skills	GOOD

TECHNICAL SKILLS  
AND COMPETENCES

Computer skills

10. 01. 2008

Assoc.Prof. Ph.D Eng. Laura Diana Cotoros