


**PERSONAL INFORMATION**    **CASTRASE SIMONACRISTINA**

 University of Oradea, 1 Universitatii Street, Oradea, 410087, Bihor, Romania

 +40 259408254

 scastrase@uoradea.ro

Sex F | Date of birth | Nationality Ro

**WORK EXPERIENCE**

- 2004-present                      Associate Prof.PhD.  
University of Oradea, Faculty of Electric Engineering and Information Technology  
Teaching and research activities in the field of Applied Electronics, Optoelectronics, Electronic Devices and Circuits, Passive Components and Circuits, Information and communications technologies .
  
- 1999-2004                         Lecturer  
University of Oradea, Faculty of Electric Engineering and Information Technology  
Teaching and research in the field of Industrial Electronics, Bioelectronics, Electronic Devices and Circuits.
  
- 1996-1999                         Assistant professor  
University of Oradea, Faculty of Electric Engineering and Information Technology  
Teaching and research activities in the field of Industrial Electronics, Bioelectronics, Electronic Devices and Circuits.
  
- 1992-1996                         Scientific Researcher - Research Activities - Nuclear Fusion Team  
University of Oradea, Faculty of Electrotechnics and Computer Science.

**EDUCATION AND TRAINING**

- 1999-2004                         PhD student
- 2004                                 PhD in Electrical Engineering  
University of Oradea, Faculty of Electric Engineering and Information Technology  
ISCED 6
  
- 1985-1990                         Student at Physics, Bachelor's Degree in Physics  
Faculty of Physics, Babes Bolyai University, Cluj-Napoca, Romania  
ISCED 5

Mother tongue(s)    romanian

Other language(s)

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B1	B1	B2

PERSONAL SKILLS

German

B2

B2

B2

B2

B2

Communication/  
Organisational skills

Good communicator, dynamic, creating and keeping deadlines, productivity, teamwork, in permanent search for solutions and improvements in solving socio-professional problems, good time management.

Driving licence

B

ADDITIONAL INFORMATION

Scientific activity and research

**Participation in national and international research projects:**

Member in the POCU/379/6/21/124651, entitled "Attracting candidates for engineering tertiary education and preparing them for the requirements of the current labor market", University of Oradea, 2021

Expert development and management of the training program.

Member in the ROSE project, nr. 72/SGU/NC/I, entitled *Entrepreneurship education and training laboratory*, University of Oradea, 2018-2021

Expert Trainer in POSDRU Project / 87 / 1.3 / S / 60891 , University School for Initial Training of Teaching Staff and Trainers in the Field of Technical and Engineering Specialties, - DidaTec, 2011-2013.

Member of the POSDRU / 109 / 2.1 / G / 82033 project entitled "Convergence of practical university education for successful integration of students on the labor market", partnership leader (beneficiary) - University of Oradea, 2012 and 2013.

Member of the Center for Design Research in the Field of Unconventional Energy

Subproject Leader: Cross-border Project - HURO 0802-083\_AF - Contributions to the Efficient Use of Renewable Energies in Bihor and Hajdú-Bihar Counties, 2011-2012

Contract Director: Contract C-D no.16413 / 08.12.2004: "Design and modernization of the control panel of the polyurethane cutting machine in horizontal plane". 2004-2005

Contract Director: Contract C-D no. 9849 / 14.07.2004: "Optimization and improvement of functional parameters of contour cutting machine", 2004.

Member of the projects:

Research project no. 16011 / 30.11.2004 with the theme: "Study on the optimization of some electronic modules operating in an environment with electromagnetic disturbances".

Research project no. 141 / 10.09.2004 on the topic "Study on the improvement of functional parameters for a fluorescent lighting system using a resonant power converter with the role of electronic ballast".

Research project no. 9093 / 07.08.2000 on the topic: "Research on design, realization and experimentation of a power supply for electromagnet".

Publications

Author and co-author: 9 specialized books and teaching courses, 5 laboratory tutors and 32 scientific papers.

Courses

Electronic Devices and Circuits, Passive Components and Circuits, Applied Electronics, Optoelectronics, Modern Technologies in Information and Communications

Memberships

Member of Design Research Center Unconventional Energy Development  
Romanian Physical Society, ASLA.

References

Prof. eng. PhD,TRIP Daniel Email:dtrip@uoradea.ro