

**Curriculum Vitae****MARȚIȘ Claudia-Steluta****Personal information**

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 Nationality Romanian  
 Date of birth 19.08.1967

**Education and training**

**1985-1990**  
 Title of qualification awarded Electrical Engineer  
 Principal subjects/occupational skills covered Fundamentals of electrical engineering, Physics, Mathematics, Electronics, Power electronics, Power converters, Electrical machines and drives, Microprocessors, Computer Programming  
 Name and type of organization providing education and training Technical University of Cluj-Napoca, Cluj-Napoca, Memorandumului 28

**1994-2001**  
 Title of qualification awarded PhD  
 Principal subjects/occupational skills covered Doctoral stage PhD Engineering  
 Name and type of organization providing education and training Technical University of Cluj-Napoca, Cluj-Napoca, Memorandumului 28

**August-October 1998**  
 Title of qualification awarded Research – Tempus Individual Mobility Grant  
 Principal subjects/occupational skills covered Modeling and simulation/Electromagnetic Compatibility of Electrical Machines and Drives  
 Name and type of organization providing education and training University of Gent, Belgium

**Mai 1999**  
 Title of qualification awarded Research – World Bank grant  
 Principal subjects/occupational skills covered Modeling and simulation of Electrical Machines and Drives  
 Name and type of organization providing education and training University of Gent, Belgium

**December 1999**  
 Title of qualification awarded Research – NSF Bilateral Collaboration Grant between Technical University of Cluj-Napoca, Romania and University of Akron, Ohio, USA  
 Principal subjects/occupational skills covered Doubly-salient permanent magnet machine design, modelling and simulation  
 Name and type of organization providing education and training University of Akron, Ohio, USA

**November 2001-May 2002**  
 Title of qualification awarded Postdoctoral research stage  
 Principal subjects/occupational skills covered Condition monitoring and diagnosis of electrical machines  
 Name and type of organization providing education and training University Picardie Jules Verne, Amiens, France

**Work experience**


Dates	<i>August 1990 – November 1993</i>
Occupation or position held	Electrical Engineer
Main activities and responsibilities	Design Department
Name and address of employer	SINTEROM SA, Bd. Muncii, 12, Cluj-Napoca, Romania
Type of business or sector	Industry
Dates	<i>December 1993 – January 1996</i>
Occupation or position held	Electrical Engineer
Main activities and responsibilities	Electrical installations design
Name and address of employer	Dania COMPROD SRL Cluj-Napoca, Romania
Type of business or sector	Services
Dates	<i>February 1996 – September 2002</i>
Occupation or position held	Assistant
Main activities and responsibilities	Teaching&Research (Practical applications for Electric traction, Electrical machines, Electromagnetic Compatibility in Electromechanical Systems; design, modeling and simulation of doubly salient permanent magnet machines)
Name and address of employer	Technical University of Cluj-Napoca, Memorandumului 28, Cluj-Napoca, Romania
Type of business or sector	Education&Research
Dates	<i>October 2002 – September 2006</i>
Occupation or position held	Lecturer
Main activities and responsibilities	Teaching&Research (Practical applications for Electric traction, Electrical machines, Electromagnetic Compatibility in Electromechanical Systems, Course of Electromagnetic Compatibility in Electromechanical Systems ; condition monitoring and diagnosis of electrical machines; design, modeling and simulation of electrical machines)
Name and address of employer	Technical University of Cluj-Napoca, Memorandumului 28, Cluj-Napoca, Romania
Type of business or sector	Education&Research
Dates	<i>October 2006 – September 2009</i>
Occupation or position held	Associate Professor
Main activities and responsibilities	Teaching&Research (Practical applications and courses Electromagnetic Compatibility in Electromechanical Systems and testing of Electromechanical Systems; design, modeling and simulation of electrical machines for automotive applications and renewable energy based systems)
Name and address of employer	Technical University of Cluj-Napoca, Memorandumului 28, Cluj-Napoca, Romania
Type of business or sector	Education&Research
Dates	<i>October 2009 – present</i>
Occupation or position held	Professor
Main activities and responsibilities	Teaching&Research (Courses of Electrical Machines 1, Testing and Diagnosis in Mechatronic Systems, Commissioning of Industrial Systems; optimal design, modeling and simulation of electrical machines for automotive applications and renewable energy based systems)
Name and address of employer	Technical University of Cluj-Napoca, Memorandumului 28, Cluj-Napoca, Romania
Type of business or sector	Education&Research
Dates	<i>May 2004</i>
Occupation or position held	Invited Professor
Main activities and responsibilities	Teaching&Research (Courses of Special Electrical Machines ; condition monitoring and diagnosis of induction machine)
Name and address of employer	CREA Laboratory, University Picardie Jules Verne, Amiens, France
Type of business or sector	Education&Research
Dates	<i>November 2008, November 2009, November 2010, November 2011, November 2012</i>
Occupation or position held	Invited Professor
Main activities and responsibilities	Teaching&Research (Courses of Electromagnetic Compatibility, Seminar on Sustainable Development; research on special electrical machines for automotive applications and renewable energy based systems )

Name and address of employer	ESIEE Amiens, France				
Type of business or sector	Education&Research				
Dates	October 2009, May 2010, January –February 2011				
Occupation or position held	Invited Professor				
Main activities and responsibilities	Research on design, modeling and simulation of SRM drives				
Name and address of employer	BEAMS Laboratory, Free University of Brussels				
Type of business or sector	Education&Research				
<b>Personal skills and competences</b>					
Mother tongue(s)	Romanian				
Other language(s)					
Self-assessment	Understanding				
European level (*)	Listening		Reading		Writing
English	C 2	Experienced user	C 2	Experienced user	C 2
French	B 2	Independent user	B 2	Independent user	B 2
Organizational/Management skills and competences	<p>2005: Member of the Commission for the elaboration of the Technical University of Cluj-Napoca Student Guide and Student Regulation</p> <p>2007 – present: member of the Faculty Council</p> <p>2008-2012: Vice dean of the Faculty of Electrical Engineering, Head of the Research Committee of the Faculty Council,</p> <p>2007-2012: Responsible of the admission session of the Faculty of Electrical Engineering</p>				
<b>Research&amp;Development projects</b>					
Project coordinator	<p>7 national projects</p> <p>4 European projects (FP7, 2 coordinator, 2 UTCN responsible)</p>				
Research team member	<p>12 national projects</p> <p>7 international projects</p>				
Work with industry	1 – UTCN responsible; 1- research team member				
<b>Publications</b>					
4 ISBN books					
125 scientific articles, from which:					
27 scientific articles in ISI indexed journals and proceedings					
42 scientific articles in BDI indexed journals and proceedings					
21 scientific articles cited in other scientific articles in ISI and BDI indexed journals and proceedings					
<b>Other activities</b>					
Invited professor (teaching and research activities at UPJV and ESIEE Amiens France, research activities at ULB, Belgium)					
Reviewer (ICEM, EPE PEMC, ATEE, EPE Journal)					
Management (vice dean 2008-2012, membru of the Faculty Council 2007-2014);					
PhD jury member (7 national juries and 3 international juries)					
IEEE and 7 IEEE societies member					
Member of the Quality Commission at the Technical University of Cluj-Napoca					

