



Curriculum Vitae

Personal information	
First name / Surname	Cornel Brișan
Address(es)	Gilau, Str Sub Padure, nr.25, Romania
Telephone	+40 751393410
E-mail	cornel.brisan@mdm.utcluj.ro ; cornel.brisan@yahoo.com
Date of birth	12.11.1963
Work experience	
Dates	2003 – present; 1998 – 2003; 1995 – 1998; 1991 – 1995;
Positions held	Profesor universitar, conferentiar, sef de lucrari, asistent
Main activities and responsibilities	Cercetare, Educatie Main courses: Proiectarea Sistemelor mecatronice, Robotica, Sisteme modern de fabricatie, Sisteme avansate de productie in ingineria de precizie
Name and address of employer	Universitatea Tehnica din Cluj Napoca , B-dul Muncii 103-105, Cluj-Napoca, Romania
Type of business or sector	Educatie
Dates	2001 – 2002
Position held	Alexander von Humboldt Bursa post doctorala-Prof. Manfred Hiller
Main activities and responsibilities	Cercetare: Roboti paraleli si antropomorfi
Name and address of employer	DUISBURG UNIVERSITY , Lotharstr. 1. Duisburg, Germany
Type of business or sector	Cercetare
Dates	1988 – 1991
Position held	Inginer mecanic
Main activities and responsibilities	Proiectare mecanica
Name and address of employer	Caile Ferate Romane
Type of business or sector	Industrie
Education and training	
Dates	1990 – 1995
Title of qualification awarded	Dr. -Ing.
Activity	<i>Doctorat</i>
Name and type of organisation	<i>Departamentul de Mecanica</i> Universitatea Tehnica din Cluj Napoca, Cluj-Napoca, Romania
Dates	1983-1988

Title of qualification awarded	Inginer																							
Name and type of organisation	Facultatea de Mecanica Institutul Politehnic Cluj-Napoca, Cluj-Napoca, Romania																							
Personal skills and competences	Activitati in mediu multicultural																							
Organisational skills and competences	Facultatea ARMM, Prodecan 2015-2024																							
	Membru CNADTCU 2012-2015																							
	Consiliul Cercetarii UTCN 2012-2025																							
	Manager la maim ult de 25 proiecte nationale si internationale de cercetare.																							
	Research Grants (selection)																							
	<table><tr><th>Programul/Proiectul</th><th>Funcția</th><th>Perioada</th></tr><tr><td>Mathematical Modeling and Experimental Research on Anthropomorphic Parallel Robots (proiect finantat de Fundatia Alexander von Humboldt - Germania)</td><td>Grant Director</td><td>2004 -2008</td></tr><tr><td>Research concerning development of machine tools with reconfigurable topology (IDEI Project).</td><td>Grant Director</td><td>2007-2010</td></tr><tr><td>Research and development of robotic systems with extendet mobility</td><td>Grant Director</td><td>2007-2010</td></tr><tr><td>Research concerning theoretical development and experimental validation of Reconfigurable Haptic Interfaces for Virtual Reality (Finaced by Alexander von Humboldt Foundation - Germany)</td><td>Grant Director</td><td>2012-2016</td></tr><tr><td>Grant PCCA , 149/2012: Reconfigurable Haptic Interfaces used in Dynamic Contact Reproduction</td><td>Grant Director</td><td>2012-2016</td></tr><tr><td>Grant PCCDI, 22/2018: Robotic Systems used in waste management of smart city</td><td>Grant Director</td><td>2018-2022</td></tr></table>			Programul/Proiectul	Funcția	Perioada	Mathematical Modeling and Experimental Research on Anthropomorphic Parallel Robots (proiect finantat de Fundatia Alexander von Humboldt - Germania)	Grant Director	2004 -2008	Research concerning development of machine tools with reconfigurable topology (IDEI Project).	Grant Director	2007-2010	Research and development of robotic systems with extendet mobility	Grant Director	2007-2010	Research concerning theoretical development and experimental validation of Reconfigurable Haptic Interfaces for Virtual Reality (Finaced by Alexander von Humboldt Foundation - Germany)	Grant Director	2012-2016	Grant PCCA , 149/2012: Reconfigurable Haptic Interfaces used in Dynamic Contact Reproduction	Grant Director	2012-2016	Grant PCCDI, 22/2018: Robotic Systems used in waste management of smart city	Grant Director	2018-2022
	Programul/Proiectul	Funcția	Perioada																					
	Mathematical Modeling and Experimental Research on Anthropomorphic Parallel Robots (proiect finantat de Fundatia Alexander von Humboldt - Germania)	Grant Director	2004 -2008																					
	Research concerning development of machine tools with reconfigurable topology (IDEI Project).	Grant Director	2007-2010																					
	Research and development of robotic systems with extendet mobility	Grant Director	2007-2010																					
	Research concerning theoretical development and experimental validation of Reconfigurable Haptic Interfaces for Virtual Reality (Finaced by Alexander von Humboldt Foundation - Germany)	Grant Director	2012-2016																					
	Grant PCCA , 149/2012: Reconfigurable Haptic Interfaces used in Dynamic Contact Reproduction	Grant Director	2012-2016																					
Grant PCCDI, 22/2018: Robotic Systems used in waste management of smart city	Grant Director	2018-2022																						
Conducator de doctorat din 2008																								
Dr.-Ing. Csiszar Akos, Online path planning for industrial robots with integrated workspace limits and safety criterion, 2012 –co-supervisor agreement with Prof. Alexander Verl, ISW Stuttgart.,																								
Dr.-Ing. Pacurari Radu, Theoretical and Experimental Research on the Road Simulators Development, 2012.																								
Dr.-Ing. V. VasIU, Contribuții privind utilizarea realității virtuale în dezvoltarea sistemelor reconfigurabile , 2012,																								
Dr.-Ing. Csapo Levente, Contribuții privind îmbunătățirea Sistemelor de Control Managerial în organizații industriale multinaționale, 2017.																								
Dr.Ing. Catalin Boanta, Contributii la optimizarea robotilor industriali, 2020.																								
Patente/ Premii																								
Brisan , C., Hiller M., Method for generating kinematical structures of a reconfigurable parallel robot with vertical actuators and its comprising system, European Patent EPO EP 2 444 209 A1, 2015.																								
Brisan, C., Method for generation of parallel robots topology”, OSIM, Nr. 127277.																								
Brisan, C., Roumanian Academy Prize “Henri Conda “ , 2021.																								
Additional information																								