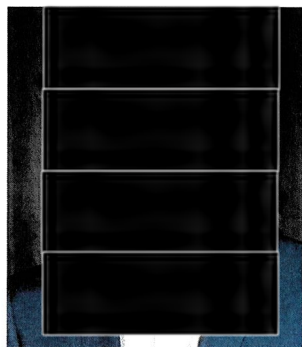


PERSONAL INFORMATION

Muntean Ionuț



 [Redacted]  
 [Redacted]  
 [Redacted]  
  


DESIRED EMPLOYMENT

CONFERENȚIAR, AUTOMATION DEPARTMENT, UTCN, POZITION 21

WORK EXPERIENCE

10/2013 – present

**Senior Lecturer**

Automation Department, Technical University of Cluj-Napoca, Romania

- Research in: autonomous vehicles, smart sensors, plantwide control, first principle modelling for biomedical and chemical proceses (focus on distillation)
- Teaching activities: Hidro-pneumatic control equipment, Systems theory and automation, Electronics, Power electronics

11/2014 –present

**Group leader innovation and university cooperation**

Robert Bosch SRL, Romania (Bosch Engineering Center Cluj)

- Coordination of programs in partnership with universities
- Initiate and implement internal innovation projects; responsible for IP rights
- Attracting and coordinating external funded projects
- Representing the Engineering Center in clusters and national boards

10/2011-09/2013

**Assistant**

Automation Department, Technical University of Cluj-Napoca, Romania

- Research in: plantwide control, first principle modelling for biomedical and chemical processes (focus on distillation), discrete PID tuning
- Teaching activities: Systems theory and automation, Electronics, Power electronics

02/2012-01/2013

**Post-doctoral researcher**

Chair of Process Systems Engineering, RWTH Aachen, Germany

- Research and project management: Discrete control for dead-time processes
- Initiated collaborations with other industrial partners

02/2010-05/2011

**PhD exchange**

Chair of Process Systems Engineering, RWTH Aachen, Germany

- Reserach in: Modelling and advanced control of distillation processes

EDUCATION AND TRAINING



- 10/2008-09/2011 **Dr. Ing. in Systems Engineering**  
 Technical University of Cluj-Napoca, Romania  
 Thesis: Modelling, simulation and control of distillation processes
- 10/2003-09/2008 **Engineering Diploma in Automation**  
 Technical University of Cluj-Napoca, Romania  
 Obs.: *bachelor thesis was researched at Ghent University, Belgium*
- 06/2003 **Bacalaureat Diploma in Mathematics-Informatics**  
 Gheorghe Șincai Highschool Diploma, Cluj-Napoca, Romania

## PERSONAL SKILLS

Mother tongue (s) Romanian

Other language (s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C1
	Cambridge English. Advanced.				
German	C1	C1	B2	B2	B2
	Goethe Zertifikat C1				

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
 Common European Framework of Reference for Languages

- Communication skills** ▪ Good communication competencies gained by working and coordinating international projects
- Job-related skills** ▪ Management competencies develop by coordinating project and development groups at Robert Bosch SRL
- Computer skills** ▪ Good knowledge of Microsoft Project, Matlab/Simulink, gPROMS, C, Microsoft Office  
 ▪ Basic competencies in C++, database
- Driving licence** ▪ B
- Conferences** 9<sup>th</sup> International Conference on Modern Power Systems, Cluj-Napoca, Romania, 2021 (Session chair)  
 24<sup>th</sup> International Conference on System Theory, Control and Computing, Sinaia, Romania, 2020 (Session chair)  
 10<sup>th</sup> IEEE International Conference on e-Business Engineering, Coventry, Great Britain (Program Committee Member)
- Memberships** IEEE (Institute of Electrical and Electronics Engineers) (din 2013)  
 Societatea Română de Automatică și Informatică Tehnică (2011-2013)  
 Asociația Generală a Inginerilor din România (2010-2011)

Cluj-Napoca, 17.06.2021

