

PERSONAL INFORMATION

Tăut Adrian Cătălin

Gender M | Date of birth | Nationality română

PROFESIONAL EXPERIENCE

Since 2018

Assistant Professor at Applied Electronics Department

Technical University of Cluj-Napoca, Str. Memorandumului, nr. 28, Cluj-Napoca, 400114, Cluj, România, www.utcluj.ro

Main activities and responsibilities: *didactical and research***Lectures:**

- Computer Aided Graphics – Electronic engineering, Telecommunications and information technologies, Economic Engineering in the Electrical, Electronic and Energy Field
- Integrated Systems – Applied Electronics (Ro, Eng)

Subjects:

- Electronic Devices
- CAD Techniques

Activities: education, research

2011 - 2018

Teaching Assistant at Applied Electronics Department

Technical University of Cluj-Napoca, Str. Memorandumului, nr. 28, Cluj-Napoca, 400114, Cluj, România, www.utcluj.ro

Main activities and responsibilities: *didactical and research***Subjects:**

- Passive Components and Circuits – ETTI, 1st year of study
- Electronic Devices – ETTI, 1st year of study
- Bases of Electronic Circuits – ISA-SM, ISA-CJ, 1st and 2nd year of study
- Fundamental Electronic Circuits – ETTI, 2nd year of study
- Computer Aided Graphics – ETTI, 2nd year of study
- CAD Techniques – ETTI, 2nd year of study
- Integrated Systems – EA, 4th year of study

Activities: education, research

EDUCATION

2008 - 2011

Ph.D. in Engineering Sciences**Domain: Electronics and Telecommunications Engineering**

Technical University of Cluj-Napoca

2003 - 2008

University Degree

- **Domain: Electronics, Telecommunications and Information Technology**

Specialization: Industrial Electronics

Technical University of Cluj-Napoca

SELF IMPROVEMENT COURSES

October 2023	MATLAB Onramp – MathWorks Training Services MATLAB Fundamentals – MathWorks Training Services
July 2016	Zuken CR-500 – System Designer 3
July 2015	Zuken CR-500 – System Designer 2
May 2015	“Nanotechnology for Electronics”, Test Sping School, TSS2015, Cluj-Napoca
October 2013	“Nanotechnology for Electronics”, Cluj-Napoca

PERSONAL COMPETENCES

Mother Languages Romanian

Foreign Languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
French	A2	A2	A2	A2	A2

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

Competențe organizatoriale/manageriale	- Activity planning and time management - developed as a result of teaching and research activities - acquired in numerous projects that required strict activity planning and compliance with project deadlines - Leadership skills - developed following the coordination of the disciplines for which I am responsible as well as the coordination of projects or sub-projects with teams of more than 5 - Feedback and quality control - developed following periodic institutional reviews as well as participation in numerous projects both as a project member and as a coordinator - Working under pressure - developed during projects with a short delivery deadlines - Team spirit - developed following collaboration with the collectives of the disciplines that I taught, as well as collaboration in research projects with interdisciplinary teams made up of more than 10 people - Sociability - developed following interaction and collaboration with members of different teaching teams or research projects, as well as periodic interaction in extra didactic work sessions with students - Flexibility - the possibility of travel in the interest of work and the adaptation of the work schedule to the requirements of the project
Computer skills	- Windows and Mac OS operation, MS Office, Networking technologies (VPN, FTP, HTML, RDC), Project management SW, Mind mapping SW. - CAD tools: OrCAD (Capture CIS and Layout), PADS (Pads Logic, Pads Layout, PadsRouter), Zuken CR2015 (ECAD, Board design, Layout design); - Simulation & modeling: Pspice, Matlab, Simulink, LabVIEW, MultiSim, LTSpice, Razorcat, Tessy, Phyton, Visio, PSim, Proteus
Driving license	A, B

ADDITIONAL INFORMATION	
Publications	- Over 40 publications indexed in international databases of which 30 was - More than 80 citations indexed in international databases of which more than 50 in was - Author and co-author of 2 books with ISBNs published by national publishing houses
Projects	Member of more than 15 research projects with the industrial environment both nationally and internationally - Research contract with the social and business environment, no. 22379/8.11.2006, Continental GmbH Germany – Universitatea Tehnică din Cluj-Napoca: "ITEC-Conti Cooperation", member from 2008 - prezent - Research contract with the social and business environment, no. 7705/11.06.2011, SC Continental Automotive SRL Timisoara, – Universitatea Tehnică din Cluj-Napoca: "Sisteme de testare HW & SW in automotive", 2011, member 2011 - 2014 - Research contract with the social and business environment, no. 12268. /25.05.2017, SC Continental Automotive Systems SRL Sibiu – Universitatea Tehnică din Cluj-Napoca: "Design of embedded HW & SW systems in automotive", 2017, grand manager Conf.dr.ing Gabriel Chindris - Research contract with the social and business environment, nr. 1088 /01.10.2017, SC Continental Automotive Systems SRL Sibiu – Universitatea Tehnică din Cluj-Napoca: "Proiect de Cercetare Academica OTS/nGEN" 2017-2019, - project manager - Research contract with the social and business environment, nr. 1149 /01.11.2018, SC Continental Automotive Systems SRL Sibiu – Universitatea Tehnică din Cluj-Napoca: „Proiect de Cercetare Academica SkunkBench / SkunkDrive / OTS / nGEN Platform”, 2018-2020, - project manager - ASSET-IXC - UTCN (Automotive Systems Smart Energy Efficient Transducers Inovation Across Value Chain), Nr. Ordine 12.PI/4/C9, proiect cofinanțat prin PNRR Apel „PIIEC ME/CT – PARTICIPANȚI INDIRECTȚI” – responsabil activitate I3
Conferences	Member of the Scientific and Organizing Committee of the annual International Conference SIITME, from 2019 - present Participation in conferences: - SIITME 2023 - 29th International Symposium for Design and Technology of Electronics Packages, (SIITME), Craiova, Romania - ISSE 2018 – 41th International Spring Seminar on Electronics Technology (ISSE), 8 – 12 Mai 2018, Zlatibor, Serbia - ISSE 2013 – 36th International Spring Seminar on Electronics Technology (ISSE), 8 – 12 Mai 2013, Alba Iulia, România - ISSE 2011 – 34th International Spring Seminar on Electronics Technology (ISSE), 11 – 15 Mai 2011, Tatranska Lomnica, Slovakia - SIITME 2010 – 16th International Symposium for Design and Technology in Electronic Packaging (SIITME), 23 – 26 septembrie 2010, Pitești, România - ISSE 2010 – 33rd International Spring Seminar on Electronics Technology (ISSE), 12 – 16 Mai 2010, Varșovia, Polonia - SIITME 2009 – 15th International Symposium for Design and Technology of Electronics Packages, (SIITME), 17-20 Sept. 2009, Gyula, Ungaria - ISSE 2009 – 32nd International Spring Seminar on Electronics Technology (ISSE), 13 – 17 Mai 2009, Brno, Cehia
Seminars	"Nanotechnology for Electronics", Cluj-Napoca, 9-10 octombrie 2013 "Nanotechnology for Electronics", Eger, Ungaria 7 Mai 2015 - Test Spring School, TSS2015, Cluj-Napoca, 22-25 Mai 2015
Awards	Best paper Award, Excellent poster paper Award, Best poster award
Affiliations	IEEE
ORCID	https://orcid.org/0000-0002-0955-6457