

PERSONAL INFORMATION

Florin Vasile Domnița



 Gruia 58/14, 400171 Cluj-Napoca, Romania

 0040264202512

 florin.domnita@insta.utcluj.ro

Sex Male | Date of birth 03/09/1965 | Nationality Romanian

POSITION

ENTREC Center"

WORK EXPERIENCE

01/10/2017 – present days

Associate Professor

Technical University of Cluj-Napoca
 Faculty of Building Services Engineering
 28Memorandumului Street, 400114 Cluj-Napoca, Romania
<https://www.utcluj.ro/>

▪ Area of expertise (teaching, research activities and supervision of bachelor diploma work and master of science diploma work) in the following fields:

- Ventilation and Air Conditioning I and II;
- Ventilation and Air Conditioning for multi-zone and special purpose buildings
- Industrial Ventilation and Air Conditioning Systems

Business or sector Higher Education Replace and scientific research.

01/03/1997 – 01/10/2017

Lecturer

Technical University of Cluj-Napoca
 Faculty of Building Services Engineering

01/03/1992 – 28/02/1997

Professor's assistant

Technical University of Cluj-Napoca
 Faculty of Building Services Engineering

01/09/1990 – 28/02/1992

Building Services Engineer

S.C. NORDCONFEST S.A.
 77A Traian Street, 400132 Cluj-Napoca, Romania

▪ Leading building services construction sites

Business or sector Building Services Engineering

EDUCATION AND TRAINING

01/10/1996 - 30/11/2003

Ph. D. Diploma in Civil Engineering

EQF 7

Technical University of Cluj-Napoca
 28 Memorandumului Street, 400114 Cluj-Napoca, Romania
<https://www.utcluj.ro/>
 Main subjects studied:

▪ Advanced Thermotechnics, Advanced Hydraulics, Ventilation and Air Conditioning
 Scientific research skills in the field of ventilation and air conditioning

15/09/1985 - 30/06/1990

Engineer Diploma in Building Services Engineering (cum laude)

EQF 5

Technical University of Cluj-Napoca
 28 Memorandumului Street, 400114 Cluj-Napoca, Romania
<https://www.utcluj.ro/>

Main subjects studied:

- Thermotechnics, Hydraulics, Electrotechnics, Building Services (sanitary, heating, ventilation and air conditioning, electrical, automation, refrigeration)
- Skills in designing, construction and operation of ventilation and air conditioning systems

15/09/1985 - 30/06/1990

High School Diploma

EQF 4

"Nicolae Balcescu" High school
 6 Constanta Street, 400158 Cluj-Napoca, Romania

Main subjects studied:

- Mathematics, Physics, Electromechanics
- Qualification of electro-mechanics for construction machineries

01/10/2012 - 30/09/2013

Graduation Diploma of the University School of initial and continuing training for teaching staff and trainers in the field of technical and engineering specializations - DidaTec

Technical University of Cluj-Napoca
 28 Memorandumului Street, 400114 Cluj-Napoca, Romania
<https://www.utcluj.ro/>

Main subjects studied:

- Modern techniques in education, Use of TIC in the educational process, Advanced communication techniques
- Skills in didactic methodology, application of ICT methods in education, developing communication skills

18/02/2001 - 22/02/2001

Certificate of graduation of the engineering course for SPLIT / Multi-SPLIT / Sky Air systems and of the service course for air cooled chillers

DAIKIN AirConditioning Central Europe Handels GmbH
 Wolfholzgasse 28, A-2345 Brunn, Austria, <https://www.daikin.ro/>

Main subjects studied:

- Modern air conditioning systems: SPLIT, Multi-SPLIT, Sky Air
 - Air-cooled chillers
- Skills in designing and operating modern air conditioning systems

PERSONAL SKILLS

Mother tongue Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Independent user B2	Independent user B2	Independent user B2	Independent user B1	Independent user B2
French	Independent user B2	Independent user B2	Independent user B1	Independent user B1	Independent user B1

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

Communication skills

- Good communication skills acquired during teaching activities (course, laboratory, project), during the coordination of students on diploma and dissertation work or during the collaboration with researchers from other universities or specialized institutions
- Team spirit acquired during academic and research activities
- Good ability to communicate in writing or orally, proven through participation and presentations of scientific papers at various scientific national or international conferences

- Organisational / managerial skills** Organizational and managerial spirit as a result of professional and institutional activities:
- Dean at Building Services Faculty from 2020 to present
 - Responsible for the program of study Building Services from the - Faculty of Building Services from 2016 to present
 - ERASMUS + Program Coordinator at the Faculty of Building Services from 2012 to present
 - Responsible for international relations at the Faculty of Building Services from 2012 to present
 - Member of the Faculty of Building Services Council from 2011 to present
 - Member of the Building Services Engineering Department Council from 2015 to the present
- Job-related skills** Thorough knowledge gained through teaching, scientific research and design in the following areas
- Ventilation and air conditioning
 - Thermal comfort and indoor air quality
 - Refrigeration
- Computer skills** Advanced knowledge of computer application with reference to:
- using of Microsoft Office tools
 - using of computer-aided design (AutoCAD, CADVent)
 - using of computing applications (Microsoft Excel, MathCAD)
 - using of databases
 - using the Internet and other applications
- Driving licence** ▪ B category

ADDITIONAL INFORMATION**Publications**

142 published scientific papers:

- 19 papers in journals indexed in ISI Thomson Reuters databases or in Conference volumes indexed in ISI proceedings
- 19 papers in journals or in Conference volumes indexed in international database (IDB)
- 31 papers in Proceedings of International Conferences
- 62 papers in Proceedings of National Conferences
- 10 papers in unrated journals
- 7 technical books of which one published in English abroad

Presentations 2 invited presentations plenary session of international scientific events

Projects 20 grants / projects, of which:

- 3 grants / projects gained by international competition (one as grant director)
- 12 grants / projects gained by national competition (two as grant director)
- 5 research / consulting projects with others

104 design projects of ventilation and air conditioning for various buildings:

- Designing of ventilation and air conditioning for DATACENTER - Transilvania Bank Cluj-Napoca building;
- Designing of ventilation and air conditioning for 7 of Banca Transilvania buildings;
- Designing of ventilation and air conditioning for 8 hotels;
- Designing of ventilation and air conditioning for 11 office buildings;
- Designing of ventilation and air conditioning for 2 swimming pools;
- Designing of ventilation and air conditioning for 3 supermarkets;
- Designing of ventilation and air conditioning for 2 hospitals;
- Designing of ventilation and air conditioning for 4 clubs;
- Designing of ventilation and air conditioning for 9 restaurants;
- Designing of ventilation and air conditioning for 3 auto showrooms;
- Designing of ventilation and air conditioning for 8 warehouses;
- Other designing projects of ventilation and air conditioning for buildings.

Conferences and seminars 8 lectures held at conferences or seminars (one abroad)

Honours and awards

- 1990 Head of Promotion of all graduated students from Faculty of Civil Engineering
- 2010 and 2014 Dean of soul of graduated students from Building Services Faculty

Memberships

- Member in A.S.R.O. - Romanian Association of Standardisation – Technical Committee C.T. 302 – Heating, Ventilation and Air-Conditioning
- Member in A.I.I.R. (Romanian Association of Building Services Engineers);
- Member in A.F.C.R. (Romanian Association of Refrigeration and Cryogenics);
- Member in REHVA - Federation of European Heating, Ventilation and Air-Conditioning Associations
- Member in A.I.E.R. - Athens Institute for Education and Research – Civil Engineering Research Unit

Date:
November, 2021

DOMNIȚA FLORIN VASILE