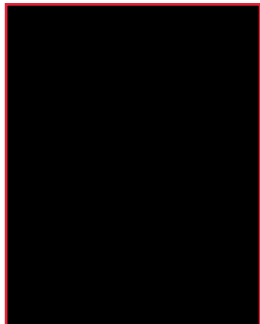


PERSONAL INFORMATION

Dragomir Mihai-Liviu

THE JOB YOU ARE APPLYING
FOR
POSITION
DESIRED JOB
STUDIES TO BE APPLIED FOR

Associate *Professor position 4*, State Functions CFDP Department,
Faculty of Civil Engineering, Technical University of Cluj-Napoca

PROFESSIONAL EXPERIENCE

-
- 08.10.2020-present **CFDP Department Director**
UTC-N, Cluj-Napoca, str.Observatorului nr.72-74
- Teaching, research, administration
- [Type or sector of activity](#) Education-Research
- 01.02.2016-present **Head of works PhD. Eng.**
UTC-N, Cluj-Napoca, str.Observatorului nr.72-74
- Teaching (Course-Project-Laboratory) disciplines: *Roads1, Roads2, Roads 3, High- performance road structures, Transport infrastructure engineering, and Communication ways.*
- Research in the field of Transport Infrastructure Engineering (*alternative materials, reflective cracking, CFDP structures, noise and circular economy*);
- [Type or sector of activity](#) Education-Research
- 01.10.2009-01.02.2016 **Associate Professor and Assistant Professor**
UTC-N, Cluj-Napoca, str.Observatorului nr.72-74
- Teaching (Project-Laboratory) disciplines: *Roads1, Roads2, Roads 3, Communication ways, Road maintenance, Traffic and traffic safety.*
 - Research: *road structures, cracking asphalt mixtures, solutions for reinforcing road structures ș.a*
- [Type or sector of activity](#) Education-Research
- 01.07.2008-01.10.2009 **Design technician**
SC STARCOM EXIM SRL Cluj-Napoca, str.Locomotivei nr.2
- Proiectare străzi-drumuri
- [Type or sector of activity](#) Engineering activities (as a CFDP student)
- 01.07.2007-01.10.2007 **Technician-administrative staff**
SC BECHTEL INTERNATIONAL Inc SRL, Săvădisla Camp- Highway construction site Transilvania
- Observation and coordination of work teams with an experienced eng. from the Structures department- (*internship Summer practice year 3*)
- [Type or sector of activity](#) Highway engineering/construction activities

EDUCATION AND TRAINING

- 2009-2012 **PhD.Engineer**
 Technical University of Cluj-Napoca
 The thesis elaborated under the guidance of prof.dr.ing.Mihai Iliescu was publicly defended on 21.09.2012 has the title: *Study of solutions for reinforcing flexible and semi-rigid road structures*
- Title of doctor confirmed by order MECTS nr.3250MD/20.02.2013
 - Series Diploma H nr.0024852
- 2009-2010 **Advanced Studies – Management of communication path rehabilitation**
 Technical University of Cluj-Napoca
- According to the diploma supplement Series L nr. 0000335
 - Diploma series L nr. 0000335
- 2004-2009 **Diplomat Engineer**
 Technical University of Cluj-Napoca
- According to the diploma supplement series H nr. 0019472
 - Diploma series H nr. 0019472

COMPETENT STAFF

Native language **Romanian**

Other known foreign languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Wriding	Conversation	Oral speaking	
English	B1	B1	B1	B1	B1
	B1				
French	A2	B1	B1	B1	A2
	B1				

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

Communication skills

- Very good communication skills acquired from the experience of a teacher, respectively by participating in specialized conferences / symposiums;;
- From the perspective of the activities carried out within the own company (specialized commissions within various public institutions) as well as through interaction with different beneficiaries (public / private);
- Supporting projects carried out in order to obtain specific approvals;
- Setting up working groups and coordinating their work;
- Obtaining funding for proper maintenance of the testing laboratory;
- Maintaining an open and proactive relationship with hierarchical superiors for the smooth running of things at department level;
- The beginning of collaborations with colleagues in the country - on CFDP profile, in order to harmonize students' skills and interdisciplinary research.
- Current bachelor's and dissertation papers (the most successful so far is the one that developed a software to dimension rigid road structures) and the perspective is the first dissertation paper on BIM (from the perspective of the Erasmus project in which I am involved together with a master student at IIT).
- Continuing and maintaining collaborative relationships with retired teachers that are still working in the department;
- Collaboration with doctoral supervisor within committees for guiding doctoral students and conducting reviews on doctoral theses;

Organizational/managerial skills

I believe that I have good managerial skills taking into account the results obtained in my first mandate as director of the CFDP department (*between 08.10.2020 and present*)

- Currently, I efficiently coordinate a team of 21 teachers and two full-time technicians within the department CFDP.
- Within the department there are four groups of disciplines: Drawing and Infographics, Roads, Railways and Bridges.
- I successfully managed to modernize all teaching spaces from the position of director and create new spaces (during my mandate I created the office: *Secretariat-Director CFDP*, a non-existent administrative space until 2021;
- We updated the infrastructure in the computer-aided design laboratory (the existing infrastructure being more than 10 years old);
- Together with the faculty management team, we managed to modernize amphitheatres and common circulation spaces (access stairs, bathrooms);
- I was actively involved in organizing: *the International Conference C70* (anniversary conference of the Faculty of Civil Engineering organized in 2023) as well as in organizing *the National Session of Student Scientific Communications* (every year since this event is organized within the department CFDP).
- I team up (*with colleagues from the department or from other departments open to collaboration*) and get actively involved in the activities of these groups, in order to obtain impactful results. Among the expected and I say achieved results are: increasing the visibility of our team, cultivating team spirit, solidarity and cooperation.
- Together with the department board, we have made the best decisions so that the teaching and research activity is carried out in the best conditions;
- We organized monthly department meetings for proper communication in the team.
- E-mail however, it remains the preferred method (by most colleagues) of communication in the digital age and I admit – I make use of this method very often.
- The important decisions with impact on the team I am part of and which I lead have been debated before adopting or communicating decisions to hierarchical superiors;
- I actively participated in the meetings organized by Mr. Rector / Board of Directors in order to improve the didactic / research or administrative aspects;

Skills acquired at work

- Dialogue and collaboration with ARACIS evaluators on the occasion of evaluations / accreditations of the three specializations operating within Dep.CFDP (*CFDP, IUDR, IIT(Master)*);
- Dialogue and collaboration with the administrative structures of UTC-N;
- Dialogue and collaboration with the research department;
- Good knowledge of university management mechanisms;
- Adaptability and perseverance;
- Technical knowledge (*acquired and, of course, in a permanent accumulation course*);
- Transparency and availability;
- Good time management ability (I'm a multi-task person 😊);
- Orientation on dialogue and communication, decision-making transparency and respect;
- Fast resolutions with immediate impact;

Computer skills

- Good knowledge of tools Microsoft Office™ și CAD

Other skills

- I declare myself an open, sociable and always available person. I help and get involved constructively as much as I can or as much as my skills are.
- I am involved in everything I do and I do not give up when I set out to achieve something.
- I like to travel with my family (wife and two daughters, ages 8 and 10) even if time is very tight and limited.
- The quotes that I can say characterize me are: „ **Without God we would be strange beings and studded disappearances** ” Respectively „ **The road to success is always under construction** ”.

Driving license

- cat.B

 FURTHER INFORMATION

Publications ISI (WOS)

1. Cadar R.D., Boitor M.R., **Dragomir M.L.**, An analysis of reclaimed asphalt pavement from a single source, case study: a secondary road in Romania, *Sustainability*, 2022, 14 (12), 7052, <https://www.mdpi.com/2071-1050/14/12/7057>, **FI 3.9**
2. Corbu O.C., Puskas A., **Dragomir M.L.**, Har N., Toma I.O., Eco-Inovative concrete for infrastructure obtained with alternative aggregates and supplementary cementitious materials (SCM), *Coatings*, 2023, 13(10), 1710, <https://www.mdpi.com/2079-6412/13/10/1710>- **FI 3.4**
3. Nicula L.M., Manea D.L., Simedru D., Cadar O., **Dragomir M.L.**, Ardelean I., Corbu O., Potential role of GGBS and ACBFS Blast Furnace Slag at 90 days for application in rigid concrete pavements, *Materials*, 2023, 16(17), 5902, <https://www.mdpi.com/1996-1944/16/17/5902>, **FI 3.4** (*neprecizat2023*)
4. Nicula L.M., Manea D.L., Simedru D., Cadar O., Ardelean I., **Dragomir M.L.**, The advantages on using GGBS and ACBFS aggregates to obtain an ecological road concrete, *Coatings*, 2023, 13 (8) 1368, <https://www.mdpi.com/2079-6412/13/8/1368> **FI 3.4** (*neprecizat2023*)
5. Nicula L.M., Manea D.L., Simedru D., Cadar O., Becze A., **Dragomir M.L.**, The influence of Blast Furnace Slag on cement concrete road by microstructure characterization and assessment of physical-mechanical resistance at 150/480 days, *Materials*, 2023, 16 (9) 3332, <https://www.mdpi.com/1996-1944/16/9/3332> **FI 3.4** (*neprecizat2023*)
6. Marusceac V., Danciu A.D., Ciotlaus M.A., **Dragomir, M.L.** (2023). Influence of Speed Brakers on Traffic Generated Noise Levels. *Journal of Applied Engineering Sciences*, 13(2) 253-258. <https://doi.org/10.2478/jaes-2023-0032>. **FI 1.1**
7. Danciu A.D., Guțiu Ș.I., Moga C., **Dragomir M.L.**, Ciotlăuș M., Marusceac V. (2023) A Review of the Network Arch Bridge. *Applied Sciences*, 2023, 13(19):10966, <https://doi.org/10.3390/app131910966> **FI 2.7**
8. Ciotlaus M., Kollo G., Fenesan C., Danciu A.D., **Dragomir M.L.**, Marusceac V. (2023). Rail Wear Evolution on Small-Radius Curves under Mixed Traffic Conditions, In-Field Investigations. *Applied Sciences*, 2024, 14(1), 209; <https://doi.org/10.3390/app14010209>. **F.I 2.7**
9. Gergely I.M., Ciocan R., **Dragomir M.L.**, Study on the optimization of design speed required by the need to reduce traffic pollution, *Romanian Journal of Transport Infrastructure*, 2022, 11(2), <https://doi.org/10.2478/rjti-2022-0009> **FI 0.2**

Projects/Grants

10. Director of UTCN research contract no.36373/2021 - **Research and studies on the relationship between existing urban infrastructure and traffic induced through a project to extend an industrial platform at the level of mun. Cluj-Napoca**, *Project won through an Emerson Romania competition in 2021 (contract in progress)*.
11. Director of UTCN research contract no.17485 / 1.7.2019 – **Specialized study on establishing the required number of taxi authorizations at the level of mun. Cluj-Napoca during 2020-2025**, Beneficiary: City Hall mun. Cluj-Napoca, June-July 2019
12. Director of research contract UTCN – Project no.2006 / 12.07.2017 – Research project Young Teams UTCN Institutional Project Title: **Experimental and numerical study on the performance of asphalt concrete from the perspective of thermal susceptibility and the value of elasticity modulus**, Period of deployment 01.07.2017-01.07.2018
13. UTCN contract member no.40 / 14.09.2018: **Traffic Study and traffic organization / roads / accesses / parking platforms – PUZ Regional Emergency Hospital Sibiu** project won by competition / tender August 2018, director Dr.ing.Cristian Toșa.
14. UTCN contract member no.40/2017 – **Study on the noise level for an experimental road section with sound-absorbing asphalt carpet located on DN2B-km106, jud. Brăila**, contract director conf.dr.ing.Hoda Gavril.
15. UTCN contract member no.9 / 08.03.2018 – **Traffic study related to PUG Apahida**, jud. Cluj, Contract Director sl.dr.ing.Cadar Rodica;
16. Contract Director- Afferent Traffic Stude PUG Common Baci, jud.Cluj-2023

Papers at Specialized Conferences

1. Millien Anne, **Dragomir M.L.**, Petit C., Ilescu M., Wendling L., Geogrid interlayer performance in pavements: tensile bending test for crack propagation, Proceedings of the 7th Rilem International Conference on Cracking in Pavements, Springer, https://link.springer.com/chapter/10.1007/978-94-007-4566-7_115
2. **Dragomir M.L.**, Cadar R.D., Boitor M.R., Using an E-waste, a laboratory investigation, IOP Conference Series: Materials Science and Engineering, Vol.1138, International Conference Civil Engineering and Building Services (CIBv),2020, <https://doi.org/10.1088/1757-899X/1138/1/012022>
3. Cadar D.R., Boitor M.L., **Dragomir M.L.**, Burduhos P.M., The speed-flow relationship on urban roads in a Romanian Town, 3rd World Multidisciplinary Civil Engineering, Architecture, Urban Planning Symposium (WMCAUS 2018), Praga, 2019 (indexat), IOP Conference Series: Materials Science and Engineering, Vol.471, <https://iopscience.iop.org/article/10.1088/1757-899X/471/6/062031>
4. Clitan AF, **Dragomir M.L.**, Ciotlaus M.A., Beca I.M., Hoda G, Improving traffic conditions on a set of three intersections using microscopic simulation models, Procedia Engineering, 2017, Volume 181, 139-145, <https://doi.org/10.1016/j.proeng.2017.02.382>
5. Corbu, O., Anastasiu A., Baeră,C., Istoan, R, **Dragomir, M.L.**, Recycled Glass and PET Waste as Aggregates Replacement in Eco-Innovative Concrete for Alveolar Concrete Blocks, *1st Olympiad in Engineering Science - OES2023 Olympia, Greece, May 23-27, 2023*; Olympiad Conference Proceedings "Analytical and Experimental Methods in Mechanical and Civil Engineering; **Olympiad in Engineering Science (OES 2023)** is organized by the International OES Committee, and the European Consortium of Innovative Universities, ECIU, Aldemar Olympian Village, Greece- *în curs de indexare SCOPUS / SPRINGER* <https://www.uis.no/en/research/olympiad-in-engineering-science-oes-2023#/>
6. Danciu A.D., Moga C., Gutiu S.I., Ciotlaus M.A., Marusceac V., **Dragomir M.L.** (2023), Dynamic response analysis of footbridges on hot-rolled steel girders for spans varying between 10 to 40m and width between 2 and 6 m, (2023), The 17th International Conference Interdisciplinarity in Engineering. INTER-ENG 2023, Târgu Mureş, Romania – *susţinut public în curs de publicare/indexare*
7. Ciotlaus M.A., Marusceac V., Danciu A.D., **Dragomir M.L.** (2023) Rail fastening maintenance impact on track stability for continuously welded rail tracks, The 17th International Conference Interdisciplinarity in Engineering, INTER-ENG 2023, Târgu Mureş, Romania– *susţinut public în curs de publicare/indexare*
8. Marusceac V., Ciotlaus M.A., Danciu A.D., **Dragomir M.L.** (2023) Optimizing Urban Planning to Alleviate Noise Pollution in Different Types of Intersections: A Case Study in Cluj-Napoca, The 17th International Conference Interdisciplinarity in Engineering, INTER-ENG 2023, Târgu Mureş, Romania–FI 1.1

Affiliations

APDP Member transilvania Branch
PIARC Member (World Road Association)

REFERENCES (LETTERS OF RECOMMENDATION, CONTEST FILE)

Prof. PhD.eng .Florin Ionică BELC -Univ.Politehnica Timișoara (Department Director)
Prof. PhD.eng .Carmen RĂCĂNEL- Univ.Tehnică de Construcții București (Department Director)
Associate prof.PhD.eng.Adrian BURLACU- Univ.Tehnică de Construcții București (Dean)

ANNEXES CAN BE FOUND IN THE COMPETITION FILE

- According to the List of Works, CNATDCU Criteria Fulfilment Check sheet Annex 6 Civil Engineering and Management;
- Certificate, contracts;
- Diploma Reviewer journals ISI;

Cluj-Napoca
07.01.2024

Head of works PhD. Eng.Mihai Liviu DRAGOMIR