

# Curriculum vitae



## Personal information

First name / Surname **Florin-Lucian TAMAS**

Address

Telephone +40 268 548 228

E-mail

Nationality

Date and place of birth

Marital status Married

## Work experience

Dates 2019 - 2020

Occupation or position held **Head of the Civil Engineering Department**

Name and address of employer Transilvania University of Brasov, Faculty of Civil Engineering, B-dul Eroilor nr. 29, 500036 Brasov, Romania

Type of business or sector University / Education:

- Job descriptions, curricula.
- Quality management of the teaching process.
- Management of scientific research activity.
- Organizing and monitoring the tutoring process of students.
- Representing the department in relations with other management structures.

Dates 2017 - prezent

Occupation or position held **Associate Professor**

Name and address of employer Transilvania University of Brasov, Faculty of Civil Engineering, B-dul Eroilor nr. 29, 500036 Brasov, Romania

Type of business or sector University / Education

- Teaching activity for the bachelor's and master's degree cycles, as a discipline holder (Building Materials, Foundations, Construction Technology, Engineering Construction Materials, Tourist Constructions, Modernizations and Architectural Elements, Rural Constructions and Infrastructures.
- Scientific research activity materialized through contracts / grants, publication of articles and specialty books.
- Organizing and participating in national and international scientific events.
- Participation in student scientific events.
- Member of the bachelor's and master's commissions.
- Head of profile "Building materials" in the laboratory "Civil Engineering", authorized grade I.
- Design activity within the "Research Center - design in constructions and installations for constructions" of the Faculty of Constructions.
- Collaboration contracts with third parties.

Dates 12-16 March 2018

Occupation or position held **Associate Professor**

Name and address of employer Transilvania University of Brasov, Faculty of Civil Engineering, B-dul Eroilor nr. 29, 500036 Brasov, Romania

Type of business or sector University / Education

Erasmus+  
Universidad de Córdoba, Spania

<p><b>Dates</b> 2008 - 2017</p> <p>Occupation or position held <b>Lecturer</b></p> <p>Name and address of employer Transilvania University of Brasov, Faculty of Civil Engineering, B-dul Eroilor nr. 29, 500036 Brasov, Romania</p> <p>Type of business or sector University / Education</p> <ul style="list-style-type: none"> <li>• Teaching activity for the bachelor's and master's degree cycles, as a discipline holder (Building Materials, Foundations, Construction Technology, Engineering Construction Materials, Organization and management of construction activities, Tourist Constructions, Modernizations and Architectural Elements, Rural Constructions and Infrastructures.</li> <li>• Scientific research activity materialized through contracts / grants, publication of articles and specialty books.</li> <li>• Organizing and participating in national and international scientific events.</li> <li>• Secretary of the commissions for finalizing bachelor's and master's cycles.</li> <li>• Participation in student scientific events.</li> <li>• Member of the bachelor's and master's commissions.</li> <li>• Head of profile "Building materials" in the laboratory "Civil Engineering", authorized grade I.</li> <li>• Design activity within the "Research Center - design in constructions and installations for constructions" of the Faculty of Constructions.</li> <li>• Collaboration contracts with third parties.</li> </ul>
<p><b>Dates</b> 25 November - 6 December 2013</p> <p>Occupation or position held <b>Lecturer</b></p> <p>Name and address of employer Transilvania University of Brasov, Faculty of Civil Engineering, B-dul Eroilor nr. 29, 500036 Brasov, Romania</p> <p>Type of business or sector University / Education Erasmus Technická Univerzita v Košiciach, Slovakia</p>
<p><b>Dates</b> 2017 – present</p> <p>Occupation or position held <b>Site manager</b>, field "Consolidation and restoration of historical monuments", all categories of importance</p> <p>Type of business or sector Engineering activities and specific technical consultancy</p>
<p><b>Dates</b> 2013 – present</p> <p>Occupation or position held <b>Site manager</b>, field "Civil, industrial and agricultural constructions", importance category A</p> <p>Type of business or sector Engineering activities and specific technical consultancy</p>
<p><b>Dates</b> 2007 - 2011</p> <p>Occupation or position held <b>Head of construction analysis and testing laboratory</b>, within the Grade II Geotechnical Laboratory</p> <p>Name and address of employer Transilvania University of Brasov</p> <p>Type of business or sector University: coordination of laboratory activities for construction tests.</p>
<p><b>Dates</b> 2007 - 2011</p> <p>Occupation or position held <b>Non-destructive testing specialist</b>, within the Grade II Geotechnical Laboratory</p> <p>Name and address of employer Transilvania University of Brasov</p> <p>Type of business or sector University: coordination of non-destructive tests in the field of civil engineering.</p>
<p><b>Dates</b> 2005 - 2008</p> <p>Occupation or position held <b>Teaching Assistant</b></p> <p>Name and address of employer Transilvania University of Brasov, Faculty of Civil Engineering, B-dul Eroilor nr. 29, 500036 Brasov, Romania</p> <p>Type of business or sector University / Education</p> <ul style="list-style-type: none"> <li>• Teaching activity for the bachelor's degree cycles (Building Materials, Foundations, Construction Technology).</li> <li>• Scientific research activity materialized through publication of articles and specialty books.</li> <li>• Organizing and participating in national scientific events.</li> <li>• Secretary of the commissions for finalizing bachelor's and master's cycles.</li> <li>• Participation in student scientific events.</li> <li>• Collaboration contracts with third parties.</li> </ul>



**Dates** 2001 - 2005  
**Occupation or position held** Teaching Assistant  
**Name and address of employer** Technical University of Cluj-Napoca, Faculty of Civil Engineering, 28 Memorandumului, 400114, Cluj-Napoca, Romania  
**Type of business or sector** University / Education  

- Teaching activity for the bachelor's degree cycles (Building Materials, Foundations, Construction Technology).
- Scientific research activity materialized through publication of articles and specialty books.
- Organizing and participating in national scientific events.
- Participation in student scientific events.
- Collaboration contracts with third parties.

**Dates** 2005 - 2019  
**Occupation or position held** Project engineer  
**Name and address of employer** PFA Tamas Florin Lucian, 5 Andrei Muresanu, Bistrita, dep. Bistrita-Nasaud, Romania  
**Type of business or sector** Engineering activities and related technical consultancy.

**Dates** 2002 - 2003  
**Occupation or position held** Project engineer  
**Name and address of employer** S.C. Aqua Prociv Proiect S.R.L., 118 Septimiu Albini, 400000, Cluj-Napoca, dep. Cluj, România  
**Type of business or sector** Engineering activities and related technical consultancy.

## Education and training

**Dates** 22 March 2018  
**Title of qualification awarded** Course attendance certificate  
**Name** Devizonline  
**Name and type of organization providing education and training** Softmagazin

**Dates** 18 October 2013  
**Title of qualification awarded** Conference attendance certificate  
**Name** Quality in higher education  
**Name and type of organization providing education and training** „Alexandru Ioan Cuza” University of Iasi, 11 Carol I, 700506, Iasi, Romania

**Dates** 11-12 July 2013  
**Title of qualification awarded** Course attendance certificate  
**Name** Quality Management in Higher Education  
**Name and type of organization providing education and training** „Alexandru Ioan Cuza” University of Iasi, 11 Carol I, 700506, Iasi, Romania

**Dates** 19 septembrie 2012  
**Title of qualification awarded** PhD certificat  
**Name** Civil engineering domain  
**Name and type of organization providing education and training** Technical University of Cluj-Napoca, Faculty of Civil Engineering, 28 Memorandumului, 400114, Cluj-Napoca, Romania  
**Level in national or international classification** ISCED 8

**Dates** 24 June 2011  
**Title of qualification awarded** Course attendance certificate  
**Name** SCIA Engineering and EUROCOD for a sustainable and efficient design  
**Name and type of organization providing education and training** Nemetschek Romania

**Dates** 8-17 March 2004  
**Title of qualification awarded** Graduation certificate for the Intensive program: Urban Space and Tourism  
**Name** Urban Space and Tourism



Name and type of organization providing education and training	T.E.I. Piraeus, Athena, Greece Technical University of Cluj-Napoca, Faculty of Civil Engineering, 28 Memorandumului, 400114, Cluj-Napoca, Romania
<b>Dates</b>	<b>15 December 2002</b>
Title of qualification awarded	<b>Graduation certificate</b>
Name	Teacher Training Department
Name and type of organization providing education and training	Technical University of Cluj-Napoca, Faculty of Civil Engineering, 28 Memorandumului, 400114, Cluj-Napoca, Romania
<b>Dates</b>	<b>2001 - 2002</b>
Title of qualification awarded	<b>Diploma Advanced studies</b>
Name	Hygrothermal and waterproofing rehabilitation of buildings, Rehabilitation of metal structures, Rehabilitation of reinforced and prestressed concrete structures, Rehabilitation of foundations, Rehabilitation of masonry structures, Rehabilitation of wooden structures
Name and type of organization providing education and training	Technical University of Cluj-Napoca, Faculty of Civil Engineering, 28 Memorandumului, 400114, Cluj-Napoca, Romania
Level in national or international classification	ISCED 7
<b>Dates</b>	<b>1996 - 2001</b>
Title of qualification awarded	<b>Diplomat engineer</b>
Name	Civil, industrial and agricultural constructions
Name and type of organization providing education and training	Technical University of Cluj-Napoca, Faculty of Civil Engineering, 28 Memorandumului, 400114, Cluj-Napoca, Romania
Level in national or international classification	ISCED 6
<b>Dates</b>	<b>1992 - 1996</b>
Title of qualification awarded	<b>High school diploma</b>
The main disciplines studied / acquired professional competencies	Mathematics, physics, electronics
Name and type of organization providing education and training	School Group of Electrical Engineering and Electronics, 20 Calea Moldovei, 420096, Bistrita, Romania (INFOEL Bistrita Technical College)
Level in national or international classification	ISCED 3
<b>Personal skills and competences</b>	
Mother tongue	<b>Romanian</b>
Other languages	
Self assessment	
<i>European level</i>	
<b>English</b>	
<b>French</b>	
Driving license	<b>B category</b>
Other competences and skills	<b>Hobbies: music, reading, sport</b>

Understanding		Speaking		Writing
Listening	Reading	Participating in the conversation	Oral speech	Written expression
B2	B2	B1	B1	B1
A2	A2	A1	A1	A1



## Teaching and research activity (summary)

- 2 chapters published in specialty books;;
- 9 books as author / co-author;
- 73 scientific paper, of which:
  - 16 ISI indexed articles;
  - 4 scientific paper published in specialized journals;
- 10 participations, as director or member, in the teams of some scientific research programs and grants won through national competition;
- 4 research and consulting projects.

### Selection of representative works

1. Stanciu, M.D., Draghicescu, H.T., **Tamas, F.**, Terciu, O.M., *Mechanical and Rheological Behaviour of Composites Reinforced with Natural Fibres*, Polymers 2020, 12, 1402.
2. **Tămaş, F-L.**, Moga, L.M., Munteanu, C., Taus, D., Babota, F., *The multi-criteria analysis of the waterproof rehabilitation methods of the buildings' infrastructure*, The National Technical-Scientific conference (international participation), 16<sup>th</sup> edition, „Modern technologies for the 3rd millennium”, 23-24 March 2017, Oradea.
3. Danila, A., **Tamas, F.L.**, *The thermal field analysis of the rotary kiln for the cement plants by means of the image processing techniques*, IOP Conf. Ser.: Mater. Sci. Eng. 789 012021, 2020.
4. **Tămaş, F.**, Mizgan, P., Muntean, R., Cazacu, C., Galatanu, T., *Optimization of a Technological Solution Used to Waterproofing Rehabilitation for Building Infrastructure*, The 10<sup>th</sup> International Conference Inter-Eng 2016 Interdisciplinarity in Engineering, 6-7 October, Tirgu-Mures.
5. **Tămaş, F-L.**, Tuns, I., *Waterproof expertise of an objective with brick walls affected by capillary moisture*, Bulletin of the Transilvania University of Brasov, vol. 4 (53) No. 1 – 2011, Series I – Engineering Sciences, ISSN 2065-2119.
6. **Tămaş, F-L.**, Tuns, I., Streza, T., *Modern methods for waterproofing rehabilitation of existing buildings – International Scientific Conference CIBv 2010*, 12-13 November, Braşov, ISSN 1843-6617.
7. Mizgan, P., Cirstolovean, I.L., **Tămaş, F.**, Muntean, R., Cazacu, C., *Study on the Influence of Solar Contributions on the Total Energy Consumption for an Education Building*, The 10<sup>th</sup> International Conference Inter-Eng 2016 Interdisciplinarity in Engineering, 6-7 October, Tirgu-Mures.
8. Măntulescu, M., Tuns, I., **Tămaş, F-L.**, *Correlation Of Some Parameters “In Situ” Determined During Executions Of Ghimbav – Brasov Runway Airport*, Bulletin of the Transilvania University of Brasov, vol. 7 (56) – 2014, Series I: Engineering Science, Braşov.
9. **Tămaş, F.L.**, Tuns, I., *High Performance Materials to Waterproofing Rehabilitation for Building Infrastructure*, Computers and Mathematics in Automation and Materials Science, Cambridge, MA, SUA, January 29-31, 2014.
10. Babota, F., Iernutan, R., Moga, L., Jumătate, E., **Tămaş, F-L.**, *Determining the Optimal Dimensions of Fixed Shadowing Systems in View of Diminishing the Energy Consumption of the Buildings in Romania*, The National Technical-Scientific conference (international participation) - the 16<sup>th</sup> edition - „Modern technologies for the 3rd millennium”, 23-24 March 2017, Oradea.

### Distinction

- May 7, 2004, First Prize, as a tutor, at “Student 2004”, Scientific communications session, with the theme Automated Calculation of Concrete Recipes, Technical University of Cluj-Napoca, Faculty of Constructions,

### Affiliation

- Member of the ROMCEN Association - Professional Association of Ash Producers and Users in Romania.
- Member of the Technical College of Site Managers.

### Conferences

- Member of the organizing committee of the CIB Scientific Sessions 2007, 2008, 2010, 2012-2019 Brasov, Romania.
- Member of the editorial board of the CIBv Scientific Sessions 2012, 2013, 2014, 2019 Brasov, Romania.
- Reviewer of the CIBv Scientific Sessions 2015, 2016, 2017, 2018, 2019 Brasov, Romania.
- Member of the Scientific Committee and reviewer of the National Session of Student Scientific Communications, 16<sup>th</sup> edition, May 17-21, 2017, Cluj-Napoca.

### Administration

- Member of the Department Council of the Faculty of Constructions Brasov, 2012-2016.
- Member of the Senate of the Transilvania University of Brasov during 2012-2020.
- Responsible for quality assurance of the Civil Engineering department, Faculty of Constructions Brasov, during 2012-2020.
- Responsible for Internal Managerial Control in the Civil Engineering department, Faculty of Constructions Brasov, during 2016-2019.
- Secretary of the “Budget-Finance” commission of the Senate of the Transilvania University of Brasov, during 2016-2020.