

## PERSONAL INFORMATION MOLDOVAN Ioana Mădălina

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## APPLICATION FOR THE POSITION

Associate Professor pos.10, Department of Buildings and Management, Faculty of Civil Engineering, Technical University of Cluj-Napoca, Romania

## WORK EXPERIENCE

2016 - present

**Assistant Professor / Lecturer**

Technical University of Cluj-Napoca, Faculty of Civil Engineering, C-tin Daicoviciu Street, no. 15, Cluj-Napoca, 400020, Romania <http://constructii.utcluj.ro/>

- Course *Elemente de arhitectură și sistematizare* (year I) – IC – bachelor (responsible for the course of study), 2009-present – preparation of course materials in electronic format;
- Course *Elements of Architecture and Systematization* (year I) – CE – bachelor (responsible for the course of study), 2009-present – preparation of course materials in electronic format;
- Course (optional) la disciplina *Finisaje tradiționale și moderne* (year III) – CCIA – bachelor, (responsible for the course of study) 2018-present – preparation of course materials in electronic format;
- Course (optional) la disciplina *Estetica construcțiilor* (year III) – CCIA – bachelor, (responsible for the course of study) 2016-present – preparation of course materials in electronic format;
- Course (optional) la disciplina *Aesthetics in Constructions* (year III) – CE – bachelor, (responsible for the course of study) 2016-present – preparation of course materials in electronic format;
- Course (facultative) la disciplina *Creatie tehnică în construcții* (year II) – IE – bachelor (responsible for the course of study), 2018-present;
- Project *Principii de Proiectare a Clădirilor Verzi* (year I) – Clădiri Verzi – master, 2019-present – preparation of materials used in the project;
- Works *Bazele Proiectării Clădirilor Civile* (year III) – CCIA – bachelor, 2019-present – preparation of materials used in the works;
- Proiect la disciplina *Construcții civile I* (year III) – CCIA – bachelor, 2008-2019 – preparation of materials used in the project;
- Works *Estetica construcțiilor* (year III / IV) – CCIA – bachelor, 2011-present – preparation of materials used in the works;
- Works *Aesthetics in Constructions* (year III / IV) – CE – bachelor, 2011-present – preparation of materials used in the works;
- Works *Finisaje tradiționale și Moderne* (year III) – CCIA – bachelor, 2018-present – preparation of materials used in the works;
- Teaching, research and design activities in fields of Architecture, Urban Planning and Civil Engineering.

Type or sector of activity Higher Education

2017-present

**Associate Teaching Staff**

Technical University of Cluj-Napoca, Faculty of Architecture and Urban Planning, Observatorului street, no. 34-36, Cluj-Napoca, 400489, Romania, <http://fau.utcluj.ro/>

- Course *Fizica construcțiilor și a ambianței urbane* (year IV), 2017-present – preparation of course materials in electronic format

Type or sector of activity Higher Education

2015 - 2016

**Associate Teaching Staff**

Noth University Centre in Baia Mare, Faculty of Engineering, Dr. V. Babeş street, no. 62A, Baia Mare, 430083, Romania, <http://inginerie.utcluj.ro/>

- Course (optional) *Estetica Construcțiilor* (anul IV) – CCIA – bachelor, 2015-2016 – preparation of course materials in electronic format .

Type or sector of activity Higher Education

2008 – 2016 **Teaching Assistant**

Technical University of Cluj-Napoca, Faculty of Civil Engineering, C-tin Daicoviciu Street, no. 15, Cluj-Napoca, 400020, Romania <http://constructii.utcluj.ro/>

- Course (optional) *Istoria elementelor de arhitectură* (year III) – CCIA, CFDP, IE – bachelor (responsible for the course of study), 2009-2011 – preparation of course materials in electronic format;
- Course (optional) *History of Elements of Architecture* (year III) – CE – bachelor (responsible for the course of study), 2009-2011 – preparation of course materials in electronic format;
- Course *Elemente de arhitectură* (year I) – IC – bachelor (responsible for the course of study), 2009-prezent – preparation of course materials in electronic format;
- Course *Elements of Architecture* (year I) – CE – bachelor (responsible for the course of study), 2009-prezent – preparation of course materials in electronic format ;
- Course (optional) *Elemente de arhitectură și managementul mediului* (year IV) – IE – bachelor (responsible for the course of study), 2014-prezent – preparation of course materials in electronic format;
- Project *Construcții civile I* (year III) – CCIA – bachelor, 2008-2019 – preparation of materials used in the project;
- Project *Construcții civile III* (year IV) – CCIA – bachelor, 2008-2009 – preparation of materials used in the project;
- Works *Estetica construcțiilor* (year IV) – CCIA – bachelor, 2011-prezent – preparation of materials used in the works ;
- Elaboration as a co-author of a book for the course Construcții Civile and of a book specialized in the field of architecture;
- Teaching, research and design activities in fields of Architecture, Urban Planning and Civil Engineering.

Type or sector of activity Higher Education

2008-2011 **Associate Teaching Staff**

Technical University of Cluj-Napoca, Faculty of Architecture and Urban Planning, Observatorului street, no. 34-36, Cluj-Napoca, 400489, Romania, <http://fau.utcluj.ro/>

- Projects *Sinteze de proiectare 1 and 2* (year IV), 2008-2011 – preparation of materials used in the projects.

Type or sector of activity Higher Education

2007-2008, 2009-2010  
2016-2017 **Associate Teaching Staff**

Technical University of Cluj-Napoca, Faculty of Building Services, 21 Decembrie boulevard, no. 128-130, Cluj-Napoca, 400604, Romania, <http://instalatii.utcluj.ro/>

- Project *Construcții* (year II) bachelor – preparation of materials used in the project

Type or sector of activity Higher Education

2006-2008 **Ph.D. student (with scholarship)**

Technical University of Cluj-Napoca, Faculty of Civil Engineering, C-tin Daicoviciu Street, no. 15, Cluj-Napoca, 400020, Romania <http://constructii.utcluj.ro/>

- Project *Construcții civile I* (year III) – CCIA – preparation of materials used in the project;
- Teaching, research and design activities in fields of Architecture, Urban Planning and Civil Engineering.

Type or sector of activity Higher Education

2018-present **Architect, Co-Administrator MAUM STUDIO SRL**

- Activities and responsibilities in architectural project design and consulting.

Type or sector of activity Architectural project design and architectural consulting.

2005-2006 **Architect DPLG intern**

Philip Beesley Architect, 213 Sterling Rd., Suite 200, Toronto, Ontario M6R 2B2, Canada,  
<http://philipbeesleyarchitect.com/> in partnership with Ecole Nationale Supérieure d'Architecture de  
 Grenoble, 60 Avenue de Constantine, CS 12636, F – 38036, Grenoble, Franța,  
<http://www.grenoble.archi.fr/>

- Development of specialized projects.

Type or sector of activity Architectural project design

## EDUCATION AND TRAINING

2021-	<b>Ph.D student in Architecture</b> Technical University of Cluj-Napoca, Faculty of Architecture and Urban Planning <ul style="list-style-type: none"> <li>▪ Title: Mixare funcțională verticală / Vertical Mixed-use</li> <li>▪ Scientific Supervisor: Prof. Arch. Dana Vais Ph.D.</li> </ul>	EQF 8
2021	<b>Certificate of Graduation – Postgraduate course in the field of Electronic Engineering Telecommunications and Information Technologies</b> Technical University of Cluj-Napoca - DECIDFR Educational technologies and IT&C tools support for university education	EQF 6
2015	<b>Ph.D in Civil Engineering</b> Technical University of Cluj-Napoca, Faculty of Civil Engineering <ul style="list-style-type: none"> <li>▪ Title: Locuințe îngropate / Underground Houses</li> <li>▪ Scientific Supervisor: Prof. Eng. Ioan POP Ph.D</li> </ul>	EQF 8
2012-2013	<b>Certificate of Continuous Education – University career development</b> Technical University of Cluj-Napoca, DECIDFR • POSDRU/87/1.3/S/60891 „Școala universitară de formare inițială și continuă a personalului didactic și a trainerilor din domeniul specializărilor tehnice și ingineresti - DidaTec”	
2009-2010	<b>Postgraduate Diploma – Urban Planning and Local Public Administration</b> Technical University of Cluj-Napoca - DECSAP • Postgraduate course of Urban Planning and Local Public Administration	
2008	<b>Certificate of graduation – Intensive Programme</b> Chalmers University of Technology și Goteborg Stad Medichus, Goteborg, Sweden • “Workspace design, health, safety, comfort and risk prevention”	
2007	<b>Certificate of graduation – Intensive Programme</b> Hochschule fur Angewandte Wissenschaft und Kunst, Holtzminden, Germany • “European Construction with Quality and Safety”	
2006-2007	<b>Certificate of graduation – Teaching Staff Training</b> Technical University of Cluj-Napoca – DPPD • Pedagogy Module	
2005-2006	<b>Architect DPLG (Diplômé par le Gouvernement Français) Internship</b> Scholarship Ecole Nationale Supérieure d'Architecture de Grenoble, France, in partnership with Philip Beesley Architect, Toronto, Canada • Practice in architecture	
2004	<b>Certificate of graduation – Intensive Course</b> Scholarship Ecole Nationale Supérieure d'Architecture de Grenoble, France • Workshop - „De la Station de Ski à la Ville d'Altitude”	
2003-2006	<b>Diploma: Architecte DPLG (Diplômé par le Gouvernement Français) equivalent from the Ministry of Culture and Communication with Architect Diploma in the field of: Architecture, specialization: Architecture</b> Ecole Nationale Supérieure d'Architecture de Grenoble, France • Architecture	EQF 7
2003-2004	<b>ERASMUS Scholarship – 9 months (5th year ENSAG equivalent with 6th year FAU-UTCN)</b> Ecole Nationale Supérieure d'Architecture de Grenoble, France • Architecture	

- 2003
EQF 7
**Certificate of graduation Summer School BEST**  
 Norwegian University of Science and Technology, Trondheim, Norway
  - „Geohazards and geotechnical stability analyses”
- 1998-2004
EQF 7
**Graduate Faculty of Architecture and Urban Planning – Certificate of Long-Term Studies**  
 Technical University of Cluj-Napoca, Faculty of Architecture and Urban Planning
  - Architecture and urban planning
- 1994-1998
EQF 4
**Bacalaureat**  
 „Octavian Stroia” Choreography Highschool, Cluj-Napoca
  - Specialization: Calssical dance and Choreography

**PERSONAL SKILLS**

Mother tongue Romanian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	B2	C1	C1	C1
French	Experienced user – graduate of a French Faculty				

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
 Common European Framework of Reference for Languages

Communication skills

- communication skills obtained by giving specialized presentations and lectures/courses;
- the capacity of integration and adaptation in multicultural environments, acquired from experience of studies and internship in foreign countries;
- the ability to work in teams, acquired by participating in research projects, intensive programs and workshops.

Organizational / managerial skills

- mentor in the Student Entrepreneurial Society SAS UTCN (2018-present);
- skills in the allocation of responsibilities and coordinating projects and teams;
- co-administrator of an architectural design office.

Job-related skills

- good knowledge of European EN ISO and Romanian SREN ISO standards in the fields: Civil Engineering, Architecture and Urban Planning.

Digital competence

- good knowledge of Microsoft Office (Word, Power Point, Excel, Teams), Corel (Draw, Photopaint), Adobe (Photoshop, InDesign, Illustrator), Prezi, Canva, Nemetschek Allplan, and notions de AutoCad of ArhiCad tools.

Other competences

- choreography

**ADDITIONAL INFORMATION**

Publications: Books 1 book – specialized (architecture)  
 1 book – course support and applications guide

Publications: scientific papers 9 scientific papers / studies published in ISI and ISI Proceedings recognized international journals  
 16 scientific papers / studies published at conferences and in journals indexed in international reference databases in the fields of Civil Engineering, Architecture and Urban Planning  
 20 scientific papers / studies published in peer reviewed journals and conference proceeding volumes (not indexed)

National and international conferences 21 International conferences  
 5 National conferences

Grants and projects	Part of the team - 1 research project, type PN II Parteneriate; Part of the team - 5 projects CNFIS, type FDI; Part of the team - 1 project European Commission, Education, Audiovizual and Culture Executive Agency (EACEA) EACEA.A-Erasmus+, EU Solidarity Corps, A.1 - European Higher Education; Part of the team - 1 project Erasmus+ and European Strategic partnership for higher education KA203; Director (from TUCN) - 1 Project - Erasmus+ and European Solidary Corps/ Cooperation partnerships in higher education KA220-HED Part of the team - 1 project Horizon 2020 Part of the team - 1 specialty project through TUCN
Membership: Scientific Committees / Reviewer	Scientific committees - 9 (7 conferences; 2 journals) Reviewer for papers in volumes of periodic publications - 8 ISI publications; 3 BDI publications Reviews - 65 (23 ISI; 14 BDI; 28 not indexed)
Membership: Organizing Committee	1 international conference 3 national conferences 4 competitions 2 webinars and workshops online 2 workshops 1 international webinar
Membership	Research Collective in Physics and Protection of Buildings – RCPPB <a href="https://erris.gov.ro/RCPPB">https://erris.gov.ro/RCPPB</a> ECT Lab+ - European Culture and Technology Lab (EUt+) Sustainability Lab (EUt+)
Architectural Projects	5 contracts of national importance 10 contracts of local importance

Date January 6<sup>th</sup> 2022

Signature

