

## ***CURRICULUM VITAE***

**Candidate: Nedelcu Mihai, PhD** since 27.11.2009, **associate professor** since 01.10.2012

### **A. Personal information**

- 1. Surname: Nedelcu**
- 2. First name: Mihai**
- 3. Data and place of birth: 13.10.1978, Sibiu**
- 4. Citizenship: Romanian**
- 5. Civil status: Married**
- 6. Studies:**

**Institution:** “Gheorghe Lazăr” High-School, Sibiu, Computer Science Section  
Period: 1993-1997

Title of qualification awarded: High-School diploma

**Institution:** Technical University of Cluj-Napoca, Faculty of Civil Engineering  
Period: 1997-2002

Title of qualification awarded: Engineer diploma, in the field of Civil Engineering,  
(teaching language: English)

**Institution:** Institutul Tehnic din Lisabona, Portugalia  
Period: 2002 – 3 months

Title of qualification awarded: Erasmus scholarship

**Institution:** Technical University of Cluj-Napoca, Faculty of Civil Engineering  
Period: 2003 – 2009

Title of qualification awarded: Doctor

### **7. Scientific title: Doctor in the field of Civil Engineering**

### **8. Professional experience:**

**Period:** 2002-2004

**Place:** Cluj-Napoca

**Institution:** SC Concep Construcții srl

**Period:** 2003-2006

**Place:** Cluj-Napoca

**Institution:** Technical University of Cluj-Napoca, Faculty of Civil Engineering

**Position:** Junior Teaching Assistant

**Period:** 2006-2008

**Place:** Cluj-Napoca

**Institution:** Technical University of Cluj-Napoca, Faculty of Civil Engineering

**Position:** Teaching assistant

**Period:** 2002-2004

**Place:** Cluj-Napoca

**Institution:** Technical University of Cluj-Napoca, Faculty of Civil Engineering

**Period:** 2008-2012

**Position:** Assistant professor

**Period:** 2004-present

**Place:** Cluj-Napoca

**Institution:** SC Multiplan Srl – civil engineering design company

**Position:** Administrator

### **9. Current working place and position:**

Technical University of Cluj-Napoca, Faculty of Civil Engineering

Associate Professor

**10. Years of service at the current working place:** 2003-present

**11. Member of professional associations:** AICPS

**12. Known languages:** English, French

**13. Other competences:**

Reviewer of ISI journals:

- Thin-Walled Structures ([www.elsevier.com](http://www.elsevier.com))
- Mechanics & Industry (<http://journals.cambridge.org>)
- Journal of Mechanical Engineering Science (SAGE Publications Journal - <http://pic.sagepub.com/>)

***Structural Design:***

- a. personal works: approx. 50.000m<sup>2</sup> cast-in-place/precast concrete and steel civil and industrial buildings
- b. design team partner: approx. 220.000m<sup>2</sup>

Counseling regarding structural design and software

PC operating skills: Abaqus/Standard, Abaqus/CAE, Pulse Brüel & Kjær, Matlab, GNU Octave, Autodesk Robot Structural Analysis Professional, Sap2000, Fortran90, Autocad, Visual LISP, Mathcad, MS Office

**14. Other specializations and qualifications: -**

**15. Awards:**

3 ISI articles awarded by UEFISCDI, Human Resources Program – “Awarding the research results” (<http://uefiscdi.gov.ro/articole/1722/Articole.html>)

**16. Participations to scientific manifestations**

1. 11th International Conference on Vibration Problems, Lisbon, Portugal, 9-12 September 2013
2. Conference Design Fabrication and Economy of Metal Structures 2013, Miskolc, Hungary, 24-26 Aprilie, 2013
3. 6th International Conference on Coupled Instabilities in Metal Structures, Glasgow, Scotland, UK, 3-5 December, 2012
4. European Congress on Computational Methods in Applied Sciences and Engineering (ECCOMAS 2012), Viena, Austria, 10-14 September, 2012
5. Seminar „Construiește cu Steel”, Cluj-Napoca, 20-21 May 2011
6. International Symposium IABSE-IASS, Taller, Longer, Lighter, London, UK, 20-23 September 2011
7. The 6th International Conference on Thin Walled Structures 05 – 07 September 2011, Timisoara, Romania
8. The International Conference Eurosteel 2011, August 31 - September 2, 2011, Budapest, Hungary
9. The anniversary session of the Faculty of Constructions Cluj-Napoca - C55 / International Conference "Constructions 2008" - C2008, Cluj-Napoca, Romania, 9-10 May 2008
10. The International Symposium: Composite materials, elements and structures for construction, Timișoara Academic Days, 10-th Edition, 24-25 Mai 2007
11. International conference of Constructions, Cluj-Napoca, Romania. 2003

## 17. Postgraduate courses attended / given: -

### B. Scientific contributions to the university prestige\*

Teaching works published: 1

Scientific works published in prestigious journals or volumes of national or international manifestations with indexes in acknowledged databases:

4 articles ISI

5 articles published in national journals

19 articles published at national/international conferences

### Research projects

1. Project Manager of Td CNCSIS Grant 2003-2005: „ Buildings earthquake protection using seismic isolators”, Contract: no.33532/2003\_ Td7, CNCSIS code: 50
2. Team member of the research project PN-II-ID-PCE ID\_193/2008 „Design And Seismic Performance Evaluation Of 3d Frame Structures Using Advanced Nonlinear Static Analysis Method”, project manager prof. dr. eng. Cosmin Chiorean <http://users.utcluj.ro/~ccosmin/RESEARCHPROJECT.htm>
3. Team member of the SERIES research project, Framework Programme 7 „Seismic behavior of structural systems composed of cast in situ concrete walls”, under direction of prof. dr. eng. Cristina M. Câmpian <http://www.series.upatras.gr/UAlicante>

### C. Educational contributions\*:

Books/Courses published: 3

Chapters published in collective volumes: 4

Compact disks, other educational materials: -

### D. Professional contributions:

Laboratory coordinator „ Actions in Buildings and Structures”, Department of Structural Mechanics, TUCN (since 2011) [http://constructii.utcluj.ro/cercetare\\_laboratoare.php](http://constructii.utcluj.ro/cercetare_laboratoare.php)

Involved in authorization of three specialization programs of the Faculty of Constructions, UTCN: Civil, industrial and agriculture constructions (teaching language: English) 2009, Master Structural Engineering 2010, Civil industrial and agriculture constructions 2012.

Cluj-Napoca

Date \_\_\_\_\_ Signature

---

\* - only the total number of works is specified for each section. The detailed presentation is given in the works list.