



## Curriculum vitae Europass

### Personal information

First name(s) / Surname(s)  
Address(es)  
Telephone(s)  
E-mail  
Nationality  
Date of birth  
Gender

**MUNTEANU R. Mihai-Stelian**

0264 401472 | Mobile phone: |  
[Mihai.Munteanu@ethm.utcluj.ro](mailto:Mihai.Munteanu@ethm.utcluj.ro)  
Romanian  
12.05.1976  
Male

### Desired employment / Occupational field Work experience

### Education and Research, Technical University of Cluj-Napoca

Period  
Occupation or position held  
Main activities and responsibilities  
Name and address of employer

OCTOBER 2016 – Present  
**Professor**  
Research, teaching, projects, PhD supervisor (coordinator, 5 PhD students)  
Technical University of Cluj-Napoca, Faculty of Electrical Engineering, Department of  
Electrotechnics and Measurements, 26-28 G. Baritiu Street, 400027 Cluj-Napoca, Romania  
Education / Biomedical Engineering

Type of business or sector

Period  
Occupation or position held  
Main activities and responsibilities  
Name and address of employer

2007 – SEPTEMBER 2016  
**Associated Professor**  
Research, teaching, projects  
Technical University of Cluj-Napoca, Faculty of Electrical Engineering, Department of  
Electrotechnics and Measurements, 26-28 G. Baritiu Street, 400027 Cluj-Napoca, Romania  
Education / Biomedical Engineering

Type of business or sector

Period  
Occupation or position held  
Main activities and responsibilities  
Name and address of employer

2005 - 2007  
**Lecturer**  
Research, teaching, projects  
Technical University of Cluj-Napoca, Faculty of Electrical Engineering, Department of  
Electrotechnics and Measurements, 26-28 G. Baritiu Street, 400027 Cluj-Napoca, Romania  
Education / Biomedical Engineering

Type of business or sector

Period  
Occupation or position held  
Main activities and responsibilities  
Name and address of employer

2002 – 2005  
**Assistent**  
Research, teaching, projects  
Technical University of Cluj-Napoca, Faculty of Electrical Engineering, Department of  
Electrotechnics and Measurements, 26-28 G. Baritiu Street, 400027 Cluj-Napoca, Romania  
Education / Biomedical Engineering

Type of business or sector

Period  
Occupation or position held  
Main activities and responsibilities  
Name and address of employer

2000 - 2002  
**Junior Assistent**  
Research, teaching, projects  
Technical University of Cluj-Napoca, Faculty of Electrical Engineering, Department of  
Electrotechnics and Measurements, 26-28 G. Baritiu Street, 400027 Cluj-Napoca, Romania  
Education / Electrical Measurements, Biomedical Engineering

Type of business or sector

### Education and training

Period  
Name and type of organization  
providing education and training  
Title of qualification awarded

2014 - 2015  
Technical University of Cluj-Napoca, Faculty of Electrical Engineering  
**Habilitation thesys - PhD supervisor (coordinator)**

Period  
 Title of qualification awarded  
 Principal subjects/occupational skills covered  
 Name and type of organization providing education and training

2003 - 2008  
**PhD in History (*Magna Cum Laude*)**  
 Research on ancient history – Roman Imperial Numismatics  
 Babeş-Bolyai University of Cluj-Napoca  
 Faculty of History

Period  
 Title of qualification awarded  
 Principal subjects/occupational skills covered  
 Name and type of organization providing education and training

1999-2005  
**PhD in Electrical Engineering (*Magna Cum Laude*)**  
 Biomedical signals simulation, measurement, processing and transmission  
 Technical University of Cluj-Napoca  
 Faculty of Electrical Engineering

Period  
 Title of qualification awarded  
 Principal subjects/occupational skills covered  
 Name and type of organization providing education and training

2001 – 2002  
**Master Degree in Ancient History**  
 Ancient Roman Imperial History  
 Babeş-Bolyai University of Cluj-Napoca  
 Faculty of History

Period  
 Title of qualification awarded  
 Principal subjects/occupational skills covered  
 Name and type of organization providing education and training

1999 – 2000  
**Master Degree in Electrical Engineering**  
 Electrical Measurements  
 Technical University of Cluj-Napoca  
 Faculty of Electrical Engineering

Period  
 Title of qualification awarded  
 Principal subjects/occupational skills covered  
 Name and type of organization providing education and training

1997 – 2001  
**Bachelor degree in History**  
 Ancient History / Roman Imperial History  
 Babeş-Bolyai University of Cluj-Napoca  
 Faculty of History

Period  
 Title of qualification awarded  
 Principal subjects/occupational skills covered  
 Name and type of organization providing education and training

1994 – 1999  
**Bachelor degree in Electrical Engineering**  
 Electrical Measurements, Electrical Engineering  
 Technical University of Cluj-Napoca  
 Faculty of Electrical Engineering

**Training**

- Instituto Superior de Engenharia do Porto, Portugal, 1997
- Istituto Romeno di Cultura e Ricerca Umanistica, Venezia, Italia, 1999
- Patras University, Greece, 1999
- Patras University, Greece, 2000
- Universite Technique Belfort et Montbeliard, France, 2002
- Vrije University, Brussels, Belgium, 2006
- National Technical University of Athens, Greece, 2009
- Technical University of Vienna, Austria, 2009
- Technical University of Vienna, Austria, 2010
- Technical University of Vienna, Austria, 2011
- National Technical University of Athens, Greece, 2011

**Personal skills and competences**

Mother tongue  
 Other language(s)

**European level (\*)**

**English**  
**French**  
**Italian**

**Romanian**

English, French, Italian

| Understanding |           |         |           | Speaking           |           |                   |           | Writing |           |
|---------------|-----------|---------|-----------|--------------------|-----------|-------------------|-----------|---------|-----------|
| Listening     |           | Reading |           | Spoken interaction |           | Spoken production |           | C1      | excellent |
| C1            | excellent | C1      | excellent | C1                 | excellent | C1                | excellent |         |           |
| C1            | excellent | C1      | excellent | C1                 | excellent | C1                | excellent | C1      | excellent |
| C1            | excellent | C1      | excellent | C1                 | excellent | C1                | excellent | C1      | excellent |

(\*) [Common European Framework of Reference for Languages](#)

## Competences and social abilities

Communicative, sociable, conciliatory spirit, commitment, team work skills

### Organizational skills and competences

- Vice-Director of the subsidiary in Bistrița of the Technical University of Cluj-Napoca since 2013
- Head of the Archeometry Laboratory, Technical University of Cluj-Napoca
- Head of the Biomedical Engineering Laboratory (II), Technical University of Cluj-Napoca
- President of the Rugby Section, „Universitatea Cluj-Napoca” Sport Club, 09.2016-02.2017
- Vice-President of the Rugby Section, „Universitatea Cluj-Napoca” Sport Club, 2010-2016
- Manager/team leader in research and development project „Arhitectură complexă de monitorizare și transfer a datelor medicale”, Proiecte de Cercetare Exploratorie, 2009-2011
- Responsible for the project „Platformă robot versatilă, inteligentă, portabilă cu sisteme de control în rețele adaptive pentru roboți de salvare” -acronym “VIPRO Platform”, PN-II-PT-PCCA-2013-4-2009, 2015-2016
- Responsible for the project „Integrated Smart Sensor System for Monitoring of Strategic Hydrotechnical Structures – Hydrosens”, PN-II-PCCA nr. 71/2012, 2014-1015
- Responsible for the project (ProElectric field, Technical University of Cluj-Napoca) „Rețea Națională de Formare CONTinuă a CadrelOR Didactice din Învățământul Preuniversitar Profesional și Tehnic (CONCORD), POSDRU 2010-2013”
- Organizer and Chairman of the „National Symposium of Archarometry”, first edition, UTC-N, 13.12.2017
- Organizer and Chairman of the tribute conference „Romania: 100 ani de la întregirea istorică”, UTC-N, 3.12.2018
- Organizer and Chairman of the „National Symposium of Archarometry”, second edition, UTC-N, 17.12.2019

### Competences and technical abilities

- Electrical measurements, Biomedical signals measurements, Biomedical signal processing, Biomedical signals transmission, Archeometry, Virtual instrumentation, Biomedical engineering

### Competences and skills in using the computer

- Operating systems: Microsoft Windows 95/98/XP/7/8/10, MS DOS
- Programming: Matlab, LabVIEW, HTML

### Competences and artistic skills

- Music, poetry

### Other competences and skills

- Archaeologist, certified and registered in the National Register of Archaeologists
- Licensed scuba diver (Advanced OWD, SSI and NAUI standards)
- Specialist in submarine archeology (ARI / CEDIP license)
- Specialist in roman numismatics
- Sports: fotbal, tenis, rugby, skyding, scuba diving, motoracing
- Car driver (B category)
- Nautic (boat commander) licence (C and D category)

### Licenses

## Additional information

### Remarcable results:

- „Gheorghe Cartianu” **Romanian Academy Award (2010)** for the book **Compatibilitatea electromagnetică în medii de comunicații radio** (authors: Paul Bechet, Radu A. Munteanu, Iulian Bourean, Mihai Munteanu, Radu Mitran), Editura Academiei Române, București, 2011
- „Vincit Amor Patriae” **Award and Medal** for inventions, offered by the **Prime Minister of Romania**, Bucharest, 2019
- **Merit Diploma for inventions**, offered by the **Minister of Research and Innovation**, Bucharest, 2019
- **UEFISCDI Award (2020)** for the patent „Metoda și dispozitiv pentru controlul dinamic al unui robot pasitor”
- **UEFISCDI Award (2015)** for obtaining the **Habilitation certificate**
- **UEFISCDI Award (2013)** for the article „A non-contact method based on multiple signal classification algorithm to reduce the measurement time for accurately heart rate detection” (published in REVIEW OF SCIENTIFIC INSTRUMENTS, Vol. 84, Issue 8)
- **Award of Excellence** for young researchers (2006), Technical University of Cluj-Napoca
- **Invited** in 2016 and 2017 by the **Romanian Cultural Institute** to present communications at scientific events organized at the **Accademia di Romania in Roma, Italy**

- **Cavalier of the Belgian Order „Inventive Merite”**, Bruxelles, Belgium, 2005
- **Co-author of 8 patents (inventions)**: 5 national and 3 european
- Author/co-author of more than 100 scientific papers, published in journals or in conferences (national and international)
- **Over 30 medals** obtained at national and international exhibitions of inventions
- Member in the teams of 27 scientific projects (grants)
- Reviewer at an ISI rated journal

**Participation in conferences:**

- Participant in over 20 international conferences, organised in România or abroad

**Other experiences:**

- Stages in numerous European Universities, between 1997-2011
- Own book release (presentation) in Italy, Venezia - Istituto Romeno di Cultura e Ricerca Umanistica
- Own book release (presentation) in Italy, Aquilea, june 2003
- Own book release (presentation) in Italy, Roma – Accademia di Romania in Roma, 2010
- Own book release (presentation) in Cluj-Napoca, Muzeul Etnografic al Transilvaniei, 2010

**Additional information**

References can be provided upon request

**15 – X – 2021**

**Prof. Mihai MUNTEANU PhD. Mult.**