



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s)

**Laurențiu-Emanuel Temereancă**

Professional Address

Department of Applied Mathematics, University of Craiova, 13 A.I. Cuza Street, 200585, Craiova, Dolj, Romania

E-mail

[temereanca\\_laurentiu@yahoo.com](mailto:temereanca_laurentiu@yahoo.com)

Nationality

Romanian

Date of birth

08.03.1986

Gender

M

### Work experience

Dates

**Since October 2016**

Occupation or position held

**Teaching Assistant**

Main activities and responsibilities

Research and teaching in Department of Applied Mathematics, University of Craiova

Name and address of employer

University of Craiova, 13, A.I. Cuza Street, 200585, Craiova, Dolj, Romania

Type of business or sector

Research and Higher Education

Dates

**February 2016 to October 2016**

Occupation or position held

**Associated assistant lecturer**

Main activities and responsibilities

Research and teaching in Department of Applied Mathematics, University of Craiova

Name and address of employer

University of Craiova, 13, A.I. Cuza Street, 200585, Craiova, Dolj, Romania

Type of business or sector

Research and Higher Education

Dates

**October 2014 to February 2015**

Occupation or position held

**Associated assistant lecturer**

Main activities and responsibilities

Research and teaching in Department of Mathematics, University of Craiova

Teaching Seminars:

- Scientific Calculation for the first year students of the Faculty of Science, first semester, on the licence specialization: Informatics

Name and address of employer

University of Craiova, 13, A.I. Cuza Street, 200585, Craiova, Dolj, Romania

Type of business or sector

Research and Higher Education

### Education and training

Dates

**October 2012 to November 2015**

Title of qualification awarded

Ph.D Degree -- Doctor in mathematics

Principal subjects/occupational skills covered

Control Theory, Partial Differential Equations; Ph.D thesis: "Controllability Problems for Partial Differential Equations", Scientific Advisor: Prof. Micu Sorin (diploma received in February 2016)

Organisation providing education

University of Craiova

Level in national or international classification

ISCED 8

Dates

**October 2010 to June 2012**

Title of qualification awarded

Master's Degree

Principal subjects/occupational skills covered

Mathematical Analysis

Organisation providing education

University of Craiova

Level in national or international classification

ISCED 7

Dates

**October 2007 to June 2010**

Title of qualification awarded

Bachelor's Degree in Mathematics

Principal subjects/occupational skills covered

Faculty of Mathematics and Computer Science, Specialization: Mathematics

Organisation providing education

University of Craiova

Level in national or international classification

ISCED 6

### Personal skills and competences

*European level (\*)*

**Engleza**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B1	Independent use	B1	Independent use	B1	Independent use	B1	Independent use	B1	Independent use

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

Social skills and competences  
Organisational skills and competences  
Computer skills and competences

Works well in teams, sociable, communicative  
Ex: Attention to details, Focus oriented  
Operating systems: Windows  
Calculus software: Matlab  
Editing software: LaTeX

Domains of competence

Control Theory, Partial Differential Equations

### Additional informations

Grants

Member of the following grants:  
CNCS-UEFISCDI:Controllability, asymptotic behavior and numerical analysis for evolutionary processes, PN-II-ID-PCE-2011-3-0257. Director: Sorin Daniel Micu.  
PN-II-RU-TE-2014-4-1109: Controlabilitate și probleme de optimizare. Director: Ionel Rovența.

## Publications

S. Micu and **L. Temereancă**, A time optimal boundary controllability for the heat equation in a ball, Proceedings of the Royal Society of Edinburgh, 144 (2014), 1171-1189.

S. Micu, I. Roventă and **L. Temereancă**, Approximation of the controls for the linear beam equation, Mathematics of Control, Signals, and Systems, 28 (2016), Issue 2, 1-53.

**L. Temereancă**, On the controllability of a system of two Schrodinger equations, Annals of the University of Craiova, Mathematics and Computer Science Series, 43 (2016), 273-279.

S. Micu and **L. Temereancă**, Estimates for the controls of the wave equation with a potential, ESAIM: Control, Optimisation and Calculus of Variations, (2017)

DOI: <https://doi.org/10.1051/cocv/2017009>.

## Conferences, Workshops, Invited talks, Research Stages and Summer Schools

*A new perspective of a isoperimetric inequality in the context of Schur-concave functions*, National Session of Student Scientific Communications Al. Myller, Iasi, Romania, 8 July, 2009.

8<sup>th</sup> Workshop on Control of Distributed Parameter Systems, Craiova, Romania, 1-5 July, 2013.

1-st Regional Romanian-French Summer School in Applied Mathematics, Sinaia, Romania, June 2-10, 2014.

Nonlinear Dynamics, Sinaia, Romania, September 24-28, 2014.

*Approximation of the controls for the linear beam equation*, Workshop for Young Researcher in Mathematics, Constanța, Romania, May 21-24, 2015.

The Eighth Congress of Romanian Mathematicians, Iași, Romania, June 26 - 1 July, 2015.

Partial differential equations, optimal design and numerics, Benasque, Spain, August 23 - 04 September, 2015.

Stage to Universite Blaise Pascal, Laboratoire de Mathematiques de Clermont-Ferrand, February 04-18, 2016, supported by CNCS-UEFISCDI research project PN-II-RU-TE-2014-4-1109.

*Approximation of the controls for the linear wave equation with a potential*, International Conference on Applied Mathematics and Numerical Methods, Craiova, Romania, April 14-16, 2016.

*Approximation of the controls for the wave equation with a potential*, Emerging Trends in Applied Mathematics and Mechanics, Perpignan, France, May 30 - 03 June, 2016.