## PERSONAL INFORMATION

### Lucian-Mihai Cosovanu

📍 „Stefan cel Mare" University Suceava, University Street No 13, Suceava, RO 720229, Romania

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💬 Skype: ▬▬▬▬▬▬▬▬

Sex Male | Date of birth 29/10/1990 | Nationality Romanian

## POSITION WITHIN THE PROJECT

PhD, Research Assistant

## WORK EXPERIENCE

**September 2017 – Present** — **Physics Teacher**

Filadelfia Theoretical Highschool, Suceava, Str. Narciselor nr. 5E – Suceava, Romania http://www.filadelfia.ro

Gymnasium School „Ion Creanga" Suceava, B-dul. 1 Decembrie 1918 F.N., http://scoalaioncreangasuceava.ro/

■Teaching physics to gymnasium and highschool students.

Education

**January 2016 – March 2017** — **Sales Agent**

SC AQUATOR SRL, Iasi, Saulescu nr. 15 bis, RO 700010, Romania http://www.skonx.ro

■Retail sales in broad domains of products: laboratory equipment, protection equipment, chemical reagents, culture media, medical equipment, research equipment, sensors and measurement devices and many others; satisfying customers all over Romania and clients abroad.

Retail sales

**November 2013 - December 2013** — **Practitioner**

S.C. TeamNet Solutions International S.R.L., 5B Palas St., United Business Center 2, Floor 6, 700032 Iași, Romania, http://www.teamnet.ro

■Web design using the following technologies HTML5/CSS3, Javascript, JQuery, ASP.Net, MVC, Webforms, Web Services, SQL, ADO.Net

IT Business

**October 2012 - November 2012** — **Practitioner**

Facilitation for transition to the first relevant job POSDRU/109/2.1/G/81438 S.C.MOBILIS S.R.L. and Alexandru Ioan Cuza University of Iaşi, Iaşi, Şos. Păcurari, nr. 138, RO 700545, Romania

■Basic principles in communication, analogical radio station, DMR Hytera equipment, Dimetra equipment, WiMAX equipment, telecommunication through fiber optics

Telecomunications

**June 2011 - September 2011** — **Practitioner**

Mobility of practice with LLP-Erasmus 2010-2011 programme, Universität des Saarlandes, Department of Physical Chemistry, Saarbruecken 66123, Germany

▪ Preparation and characterization of systems of nanoparticles in ferro-fluids with applications in hyperthermia (treating cancer). Determination of SAR absorbing coefficients and study of magnetic energy absorption by a system in electromagnetic field.

Education/Research

## EDUCATION AND TRAINING

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|---|---|
| October 2018 - Present | **Phd studies**                EQF level 8 |

„Stefan cel Mare" University Suceava, University Street No 13, Suceava, RO 720229, Romania

▪ Optoelectronics devices, Semiconductor Physics

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|---|---|
| October 2013 – July 2015 | **Master Degree - Physics**                EQF level 7 |

Faculty of Physics, Alexandru Ioan Cuza University of Iaşi , Bulevardul Carol I nr. 11, Iași 700506, Romania

▪ Modeling of physical processes, Advanced materials preparation techniques, Interaction of ionizing radiation with matter, Plasma Sources, Virtual Instrumentation

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| October 2009 – Iuly 2013 | **Bachelor Degree - Engineer**                EQF level 6 |

Faculty of Physics, Alexandru Ioan Cuza University of Iaşi , Bulevardul Carol I nr. 11, Iași 700506, Romania

▪ Plasma Physics, Solid State Physics, Physics of Nucleus & Elementary Particle Physics, Lasers and Spectroscopy

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| September 2005 – July 2009 | **Baccalaureate**                EQF level 4 |

National College Ştefan cel Mare Suceava, Suceava, str. Vasile Alecsandri nr.3, RO 720001, Romania

▪ Informatics, Mathematics, Physics

## PERSONAL SKILLS

**Mother tongue(s)**                Romanian

**Other language(s)**

| UNDERSTANDING | | SPEAKING | | WRITING |
|---|---|---|---|---|
| Listening | Reading | Spoken interaction | Spoken production | |
| C1 | C1 | C1 | B2 | C1 |
| C1 | | | | |

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

**Communication skills**                ▪ good communication skills gained through my experience as physical sciences teacher and sales agent

**Organisational / managerial skills**                ▪ teamplayer: I helped creating an astronomy organization Lyra SARM Iasi, in which we as a team participated to events : 100 hours of astronomy, Galilean nights, Global astronomy month (april 2010), many nights of astronomical observations and also other activities like Researchers Night. I have represented the objectives the organization during 2009-2011.

**Job-related skills**                ▪ strong product knowledge,  good work ethics

| Digital competence | SELF-ASSESSMENT | | | | |
|---|---|---|---|---|---|
| | Information processing | Communication | Content creation | Safety | Problem solving |
| | Proficient user | Proficient user | Proficient user | Proficient user | Proficient user |

Levels: Basic user  - Independent user  -  Proficient user
Digital competences - Self-assessment grid

| Replace with name of ICT-certificate(s) |
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▪ good command of office suite (word processor, spread sheet, presentation software)
▪ good command of photo editing software gained as an amateur photographer: Photoshop
▪ good web development command with HTML5/CSS3, SQL, Javascript

## ADDITIONAL INFORMATION

**Publications**

Book: Marina Aura Dariescu, Ciprian Dariescu, Lucian-Mihai Cosovanu, Cristian-Ionuţ Stelea, Topici de Astronomie, Astrofizică și Cosmologie pentru începători, ARS LONGA, 2015

Article: LUCIAN-MIHAI COSOVANU, The numerical solve of Lane-Emden equation for the solar internal structure, Tomul LX (LXIV), Fasc. 1, 2014, MMF, Buletinul Institutului Politehnic din Iași.

**Presentations Conferences Seminars**

- FTEM National Conference, Iași, Romania, 16 May 2015, Structure and Evolution of the Sun-like stars
- Student Conference FARPHYS, Iasi, Romania,  25 October 2014, Studies on syzygy effects in an non-stop experiment in period of 24-30 April 2014 with a Foucault aerodynamic pendulum
- Free Seminar offered by National Instruments Labview Promovation Tour, 10 april 2014, Iasi, Romania, Hotel Ramada
-National Colloquium "Evrika! - Cygnus" XIX edition, Ploiești, Romania, 6-8 September 2013, The Numerical Solve of Lane-Emden Equation for Solar Internal Structure
-National Conference of Applied Physics, V edition, Iasi, Romania, 23-24 May 2013, The Numerical Solve of Lane-Emden Equation for Solar Internal Structure
-Student Conference IEEE, Iasi, , Romania, 24 May 2013: Modeling the solar internal structure by solving Lane-Emden equation

**Certifications**

▪  Cisco IT Essentials
▪ ORACLE Database Design and Programming