







PERSONAL INFORMATION

VIOLETA VALENTINA MERIE



-  192 Eroilor Street, Florești, 407280, Cluj
-  ---  +40.745.047.843
-  [Violeta.Merie@stm.utcluj.ro](mailto:Violeta.Merie@stm.utcluj.ro); [vio1919@yahoo.com](mailto:vio1919@yahoo.com); ; [violeta.merie1919@gmail.com](mailto:violeta.merie1919@gmail.com)
-  <http://violetamerie.com.li.com/>
-  ---

Sex Feminine | Date of birth 06/09/1980 | Nationality Romanian

WORK EXPERIENCE

February 2017 - present

**Lecturer**

Technical university of Cluj-Napoca: 103-105 Muncii Avenue, 400641, Cluj-Napoca, Cluj

- Doing laboratory activities;
- Evaluation of students acquired knowledge;
- Guiding the students during their research activity and elaborating some scientific papers;
- Developing teaching materials (books, course/ laboratory support etc.).

Education

October 2015 – February 2017

**Teaching assistant**

Technical university of Cluj-Napoca: 103-105 Muncii Avenue, 400641, Cluj-Napoca, Cluj

- Doing laboratory activities;
- Evaluation of students acquired knowledge;
- Guiding the students during their research activity and elaborating some scientific papers;
- Developing teaching materials (books, course/ laboratory support etc.).

Education

June 2014 - present

**Editor-in-chief**

Ucluj.ro

- Editing articles;
- Generating the statistics on the evolution of team members;
- Documentation and conducting interviews.

Volunteering

July 2013 - present

**Computer expert and PR**

Down Foundation "Raluca" Educational Center: 23 Captain Grigore Ignat Street, 400401, Cluj-Napoca, Cluj

- Editing documents necessary to the foundation;
- Participating in the organization of different events;
- Assuring the collaboration with the international organization for people with Down syndrome (Down Syndrome International).

Volunteering

March 2013 – September 2015

**Research assistant**

Technical university of Cluj-Napoca: 103-105 Muncii Avenue, 400641, Cluj-Napoca, Cluj

- Doing atomic force microscopy investigations on different materials in order to characterize them from the topographical, mechanical and tribological point of view;
- Elaborating articles in order to make the most of the obtained results;
- Participating in scientific events in order to disseminate the obtained results.

Research

August 2007 – November 2013

**Marketing agent**

BT Aegon Fond de Pensii SA: 98-100 Dorobanților Street, 400691, Cluj-Napoca, Cluj

- November 2006 – November 2013

Insurance  
**Marketing agent**  
 BT Asigurări / Groupama SA: 8 Barițiu Street, 400027, Cluj-Napoca, Cluj

  - Bringing new clients;
  - Completing the forms for insurance;
  - Managing the insurances.
- 15<sup>th</sup> July 2008 – 15<sup>th</sup> September 2008

Insurance  
**Internship**  
 Silcotub SA: 93 Mihai Viteazul Avenue, 450131, Zalău, Sălaj

  - Generating the statistical process control (SPC) for the products from the CECO area;
  - Analysing the control charts obtained and offering some corrective actions in order to improve the capability of the process
- June 2003 – September 2004

Industry  
**PC operator**  
 Prosonic Prodcum SRL: 28 Dimitrie Comșa Street, 400146, Cluj-Napoca, Cluj

  - Generating bills;
  - Cashing the money associated with the emitted bills

Commerce

EDUCATION AND TRAINING

---

- 2009 - 2012

**Doctor**  
 Technical University of Cluj-Napoca

  - Research on some iron-based friction composite materials;
  - Methodology of applied research;
  - Advanced materials and technologies;
  - Nanomaterials and nanotechnologies.
- 2009 - 2010

**Postgraduate: “New materials with special properties”**  
 Technical University of Cluj-Napoca

  - Alloys with special properties and super-alloys;
  - Technologies and advanced materials in powder metallurgy;
  - Polymeric materials and organic composite materials;
  - Management and marketing of the materials.
- 2004 - 2009

**Engineer**  
 Technical University of Cluj-Napoca

  - Powder metallurgy;
  - Materials science;
  - Metallic materials;
  - Materials technology;
  - Materials strength;
  - Industrial management and marketing;
  - Design in AutoCAD;
  - Heat treatment and surface engineering;
  - Ceramic materials and glass;
  - Composite materials.
- 2005 - 2008

**Graduation certificate: Teacher training**  
 Technical University of Cluj-Napoca: Teach Training Department

  - Introduction in pedagogy;
  - Educational psychology;
  - Theory and methodology of evaluation.

February – May 2008

**Solid Edge V.14 Basic Course**

ADA Computers Siemens PLM Solutions Romania – Training Network Unigraphics & Solid Edge

- Solid Edge v.14 basic

1995 - 1999

**Assistant Programmer**

“Lucian Blaga” Theoretical High School, Cluj-Napoca

- Computer Science;
- Physics;
- Chemistry;
- Mathematics;
- English.

**PERSONAL SKILLS**

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B1
French	A2	A2	A2	A2	A2
Spanish	A2	A2	A2	A2	A2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

Communication skills

- good communication skills gained both in the period when I operated in the insurance field and within the two organizations where I am a volunteer

Organisational / managerial skills

- leadership (in faculty, I was the representative student in the Faculty Council of forty-six students, activity that I also operated during my doctoral studies);
- within Down Foundation “Raluca” Educational Center, I took part in organizing different events.

Job-related skills

- good knowledge of the methods used for characterizing materials at nano scale from the topographic, mechanical and tribological point of view;
- good knowledge of the elaboration process of some materials using powder metallurgy specific methods.

Computer skills

- good command of Microsoft Office™ tools;
- good command of AutoCAD and Solid Edge design programs;
- good command of XEI, Origin and Match! software;
- good command of Pascal, FoxPro and C programming languages.

Other skills

- Journalism (for the moment I am the editor-in-chief at ucluj.ro)

Driving licence

- AM, B1, B

## ADDITIONAL INFORMATION

Publications  
Presentations  
Projects  
Conferences  
Seminars  
Honours and awards  
Memberships  
References

## Conferences:

- 9<sup>th</sup> International Conference on Materials Science & Engineering BRAMAT 2015, Braşov, Romania;
- 2<sup>nd</sup> International Conference on Structural Nano Composites NANOSTRUC 2014, Madrid, Spain;
- 13<sup>th</sup> European Conference on Spacecraft Structures, Materials and Environmental Testing SSMET 2014, Braunschweig, Germany;
- 3<sup>rd</sup> International Conference on Advances in Engineering & Management ADEM 2014, Drobeta Turnu Severin, Romania;
- European Congress and Exhibition on Advanced Materials and Processes EUROMAT 2011, Montpellier, France.

## Awards:

- Diploma of Excellence and Gold Medal at PRO INVENT International Exhibition of Inventions, XI edition, V. V. Merie, V. C. Căndea, C. O. Popa, A. E. Popa, "Method for obtaining an iron-based friction composite", Romania, 2013;
- Diploma of Excellence and Gold Medal at PRO INVENT International Exhibition of Inventions, XI edition, V. C. Căndea, V. V. Merie, C. O. Popa, A. E. Popa, "Iron-based friction composite material", Romania, 2013;
- Silver Medal at INFOINVENT International Specialised Exhibition, edition XIII, V. C. Căndea, V. V. Merie, C. O. Popa, A. E. Popa, „Iron-based friction composite material and method for obtaining it”, Republica Moldova, 2013.