

PERSONAL INFORMATION

Călin-Constantin MOISE



 University POLITEHNICA of Bucharest



 [cssnt-upb.ro](http://cssnt-upb.ro)

 Replace with type of IM service –

Sex Male | Date of birth [REDACTED] | Nationality Romanian

WORK  
EXPERIENCE

September 2014 – to present

**Assistant Researcher**

Center for Surface Science and Nanotechnology, University POLITEHNICA of Bucharest (Splaiul Independentei nr. 313, sector 6, Bucharest, ROMANIA)

- Synthesis and characterization of carbon nanomaterials and thin layers via laser ablation
- Deposition of thin films by thermal vaporization, E-Beam, RF/DC sputtering
- Complex analyzing of row product: SEM, STEM, SEM-FIB, TGA analysis, etc
- EBL lithography with nano-resolution

**Business or sector** Research - innovation – development.

September 2015 – to present

**PhD Student**

University Politehnica of Bucharest, Faculty of Applied Science - Physics

**Business or sector** - Education.

December 2006 – Feb 2012

**Internal Quality Auditor – ISO-9001**

Petrostar S.A. Ploiesti – Prahova

- Performing internal quality audits, management of system documents

**Business or sector** - Audit

March 1999 – Nov. 2006

**General Manager**

- Manage my own company, sealing gas alarms for CH<sub>4</sub> and CO

**Business or sector** - Business

October 1994 - April 1996

**Visiting Researcher**

Catalysis Research Center – Hokkaido University Sapporo Japan

- Monbusho (Japanese Governmentally) Fellowship
- Research focuses on identification of CO oxidation sites over Pt (113) surface

**Business or sector** Education, research - development

October 1993 – March 1999

**Researcher**

National Institute of Materials Science Magurele - Romania

- SnO<sub>2</sub> gas sensors development and characterization

Business or sector Research – development

**EDUCATION AND TRAINING**

1988-1993

**Master in Solid State Physics**

University of Bucharest, Faculty of Physics Romania

**PERSONAL SKILLS**

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2

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

Communication skills

- Good teamwork skills and communication
- Special adaptation for multicultural environments, gained through work experience

Organizational / managerial skills

- Manage my own company

Job-related skills

- UHV systems operation and maintenance

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](#)

Proficient user

- Working experience with Microsoft Office™ (Word™, Excel™ and PowerPoint™)
- Internet
- Various graphics programs and statistics
- Processing experimental data by Origin software
- Basic, Visual basic, Fortran and Turbo Pascal Knowledge

Other skills ▪ team building skills

Driving license Driving license category B since 1988

#### ADDITIONAL INFORMATION

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- Publications ▪ 29
- Presentations ▪ 20
- Projects ▪ 7
- Conferences ▪ 20
- Seminars
- Honours and awards
  
- Memberships ▪ Member of the Chemical Society of Japan
  
- References ▪ Available upon request
- Citations ▪ 311
- h*-index ▪ 9
- Courses ▪ 3
- Certifications ▪ 3

ANNEXES – List of  
publication and selected  
conferences