



## Veaceslav SPRINCEAN

📍 **Work** : Alexei Mateevici str. 60, Chisinau, MD-2060, Chişinău, Moldova

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**Date of birth**: 18/12/1980

### WORK EXPERIENCE

[ 02/01/2022 – Current ]

#### **Project Manager - Innovation and Technology Transfer**

##### ***Moldova State University***

**City**: Chişinău

**Country**: Moldova

Creation of the eALERT platform for real-time environmental monitoring and instant warning of the population of Chisinau in case of dangerous natural and anthropogenic hazards

[ 01/01/2020 – Current ]

#### **Project Manager**

***Scientific Research Laboratory "Environmental Physics and Modeling of complex systems"*** <https://ephysimlab.usm.md/>

**City**: Chişinău

**Country**: Moldova

[ 01/09/2022 – Current ]

#### **Ph.D, Associate Professor**

***Moldova State University, Department of Applied Physics and Computer Science*** [www.usm.md](http://www.usm.md)

**Address**: str. Mateevici, 60, MD-2009, Chisinau, Moldova

- Profesor la disciplinele: Limbajul C/C++, Limbaje de programare, Grafica pe Calculator, Limbajul Delphi, Sisteme de Operare, Sisteme de Operare pentru Reţea, Structuri de Date.

- Practica de iniţiere în specialitate

- Elaborarea materialelor didactice la discipline.

[ 01/09/2003 – 01/09/2022 ]

#### **University lecturer**

***Moldova State University, Department of Applied Physics and Computer Science*** [cercetare.usm.md](http://cercetare.usm.md)

**Address**: Str. Mateevici, 60, MD-2009, Chisinau, Moldova

**Email address**: [cercetareusm@gmail.com](mailto:cercetareusm@gmail.com)

[ 03/01/2013 – 04/03/2013 ]

#### **Scientific Researcher**

***Universitatea Christian-Albrechts- Universität din Kiel, Facultatea de Inginerie*** <http://www.tf.uni-kiel.de>

**Address**: Str.Kaiserstraße 2, D-24143, Kiel, Germany

- Studiul şi cercetarea nanotuburilor

[ 01/09/2009 – 31/03/2010 ]

### Scientific Researcher

**Universitatea Christian-Albrechts- Universität din Kiel, Facultatea de Inginerie** <http://www.tf.uni-kiel.de>

**Address:** Str.Kaiserstraße 2, D-24143, Kiel, Germany  
- Cercetare în domeniul nanotehnologiilor

[ 11/12/2003 – 02/09/2004 ]

### IT Consultant

**National Employment Agency** <https://anofm.md/>

**Address:** Str. Vasile Alecsandri, 1, MD-2009, Chişinău, Moldova

[ 01/02/2003 – 20/12/2003 ]

### Programming engineer

**Moldova State University, Center IT** [www.usm.md](http://www.usm.md)

**Address:** Str. Mateevici, 60, MD-2009, Chisinau, Moldova  
- Întreţinere calculatoare

[ 01/04/2002 – 31/12/2002 ]

### Technician

**Moldova State University** [www.usm.md](http://www.usm.md)

**Address:** Str. Mateevici, 60, MD-2009, Chisinau, Moldova  
-Întreţinerea aparatului tehnic.

## EDUCATION AND TRAINING

[ 21/09/2021 ]

### PhD Physical Sciences

**Institute of Applied Physics** <https://ifa.md/>

**Address:** str. Academiei 5, 5, MD-2028, Chişinău, Moldova

**Field(s) of study:** FIZICA ŞI TEHNOLOGIA MATERIALELOR

**Thesis:** PROPRIETĂŢILE OPTICE ŞI FOTOELECTRICE ALE NANOCOMPOZITELOR DIN SULFURĂ DE GALIU/SELENIURĂ DE GALIU-OXID PROPRIU

[ 01/09/2003 – 30/06/2004 ]

### Master in Physics

**Moldova State University, Department of Applied Physics and Computer Science** [www.usm.md](http://www.usm.md)

**Address:** str. Mateevici 60, MD-2009, Chişinău, Moldova

**Level in EQF:** EQF level 7

- Fizica şi Ingineria Semiconductorilor;  
- Pedagogia în învăţământul superior;  
- Cercetarea ştiinţifică în domeniul fizicii semiconductorilor.

[ 16/01/2015 – 14/03/2015 ]

### MikroTik Certified

**IT-LAB Company**

**City:** Chişinău

**Country:** Moldova

- Certified Network Associate (MTCNA)

[ 01/07/2006 – 15/08/2007 ]

### Course completion certificate

**„Alexandru Ioan Cuza” University of Iaşi** [www.uaic.ro](http://www.uaic.ro)

**Address:** Bulevardul Carol I 1, 700506, Iaşi, Romania

**Level in EQF:** EQF level 8

- Școala doctorală de vară "Microsoft Research"

[ 01/09/1999 – 30/06/2003 ]

## **Diploma of license / MSc, Physics and Computer Science**

**Moldova State University** [www.usm.md](http://www.usm.md)

**Address:** str. Mateevici 60, MD-2009, Chișinău, Moldova

**NQF Level:** Nivelul 6 CEC

- Fizica și Ingineria Semiconductorilor;
- Informatica Aplicată;
- Pedagogia Școlară;
- Matematica Superioară;
- Cercetare științifică din domeniul fizicii și informaticii.

[ 01/09/1998 – 30/06/1999 ]

## **Bachelor's degree**

**Moldova State University** [www.usm.md](http://www.usm.md)

**Address:** str. Mateevici 60, MD-2009, Chișinău, Moldova

**Level in EQF:** EQF level 1

- Cunoștințe de bază de liceu, profilul real.

## **LANGUAGE SKILLS**

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**Mother tongue(s):** Romanian

**Other language(s):**

### **Russian**

**LISTENING C2 READING C2 WRITING C2**

**SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2**

### **English**

**LISTENING B1 READING B1 WRITING B1**

**SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1**

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## **PUBLICATIONS**

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[ 2024 ]

[Sprincean, V., Qiu, H., Lupan, O., Tjardts, T., Petersen, D., Veziroglu, S., ... & Caraman, M. \(2024\). Synthesis and properties of  \$\beta\$ -Ga<sub>2</sub>O<sub>3</sub> nanowires and nanosheets on doped GaS: Mn substrates. \*Materials Science in Semiconductor Processing\*, 172, 108040.](#)

[ 2023 ]

[Sprincean, V., Leontie, L., Caraman, I., Lupan, O., Adeling, R., Gurlui, S., ... & Caraman, M. \(2023\). Preparation, Chemical Composition, and Optical Properties of \( \$\beta\$ -Ga<sub>2</sub>O<sub>3</sub> Composite Thin Films\)/\(Ga<sub>x</sub>Se<sub>1-x</sub> Lamellar Solid Solutions\) Nanostructures. \*Nanomaterials\*, 13\(14\), 2052.](#)

[ 2022 ]

[SPRINCEAN V., LEONTIE L., CARAMAN Iu., UNTILA D., GIRTAN M., GURLUI S., LISNIC P., DOROFTEI C., CARLESCU A., IACOMI F. Optical and Photosensitive Properties of Flexible n \(p\)-InSe/In<sub>2</sub>O<sub>3</sub> Heterojunctions. In: \*Materials\*, 2022, vol. 15, no. 9, p. 3140.](#)

[ 2022 ]

[SPRINCEAN V., CARAMAN M., SPATARU T., FERNANDEZ F., PALADI F. et al. Influence of the air humidity on the electrical conductivity of the  \$\beta\$ -Ga<sub>2</sub>O<sub>3</sub>-GaS structure: air humidity sensor. In: \*Applied Physics A\*, 2022, vol. 128, no. 4, p. 1-7.](#)