



Veaceslav SPRINCEAN

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Work: Alexei Mateevici str. 60, Chisinau, MD-2060 Chişinău (Moldova)

WORK EXPERIENCE

Moldova State University, Department of Applied Physics and Computer Science – Chisinau, Moldova

Address: str. Mateevici, 60, MD-2009 Chisinau (Moldova) | Website: www.usm.md

Ph.D, Associate Professor

[01/09/2022 – Current]

Moldova State University, Department of Applied Physics and Computer Science – Chisinau, Moldova

Address: Str. Mateevici, 60, MD-2009 Chisinau (Moldova) | Website: www.usm.md

University lecturer

[01/09/2003 – 01/09/2022]

Scientific Research Laboratory "Environmental Physics and Modeling of complex systems" MSU – Chisinau, Moldova

Project manager research sub-program

[01/01/2024 – Current]

Scientific Research Laboratory "Environmental Physics and Modeling of complex systems" MSU – Chisinau, Moldova

Project manager - Innovative voucher

[01/07/2024 – 30/06/2025]

Scientific Research Laboratory "Environmental Physics and Modeling of complex systems" MSU – Chisinau, Moldova

Partner country Project Director, Multi-Year Project NATO

[01/11/2023 – Current]

Scientific Research Laboratory "Environmental Physics and Modeling of complex systems" MSU – Chişinău, Moldova

Project Manager - Innovation and Technology Transfer

[02/01/2022 – 30/01/2023]

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

Scientific Research Laboratory "Environmental Physics and Modeling of complex systems" – Chişinău, Moldova

Website: <https://ephysimlab.usm.md/>

Project manager of scientific research project

[01/01/2020 – 31/12/2023]

 **Universitatea Christian-Albrechts- Universität din Kiel, Facultatea de Inginerie** – Kiel, Germany

Address: Str.Kaiserstraße 2, D-24143 Kiel (Germany) | Website: <http://www.tf.uni-kiel.de>

Scientific Researcher

[03/01/2013 – 04/03/2013]

- Studiul și cercetarea nanotuburilor

 **Universitatea Christian-Albrechts- Universität din Kiel, Facultatea de Inginerie** – Kiel, Germany

Address: Str.Kaiserstraße 2, D-24143 Kiel (Germany) | Website: <http://www.tf.uni-kiel.de>

Scientific Researcher

[01/09/2009 – 31/03/2010]

- Cercetare în domeniul nanotehnologiilor

 **National Employment Agency** – Chișinău, Moldova

Address: Str. Vasile Alecsandri, 1, MD-2009 Chișinău (Moldova) | Website: <https://anofm.md/>

IT Consultant

[11/12/2003 – 02/09/2004]

 **Moldova State University** – Chisinau, Moldova

Address: Str. Mateevici, 60, MD-2009 Chisinau (Moldova) | Website: www.usm.md

Technician

[01/04/2002 – 31/12/2002]

-Întreținerea aparatajului tehnic.

 **Moldova State University, Center IT** – Chisinau, Moldova

Address: Str. Mateevici, 60, MD-2009 Chisinau (Moldova) | Website: www.usm.md

Programming engineer

[01/02/2003 – 20/12/2003]

- Întreținere calculatoare

EDUCATION AND TRAINING

PhD Physical Sciences

Institute of Applied Physics [21/09/2021]

Address: str. Academiei 5 5, MD-2028 Chișinău (Moldova) | Website: <https://ifa.md/> | Field(s) of study: FIZICA ȘI
TEHNOLOGIA MATERIALELOR | Thesis: PROPRIETĂȚILE OPTICE ȘI FOTOELECTRICE ALE NANOCOMPOZITELOR DIN
SULFURĂ DE GALIU/SELENIURĂ DE GALIU-OXID PROPRIU

Master in Physics

Moldova State University, Department of Applied Physics and Computer Science [

01/09/2003 – 30/06/2004]

Address: str. Mateevici 60, MD-2009 Chișinău (Moldova) | Website: www.usm.md | Level in EQF: EQF level 7

- Fizica și Ingineria Semiconductoarelor;
- Pedagogia în învățământul superior;
- Cercetarea științifică în domeniul fizicii semiconductoarelor.

MikroTik Certified

IT-LAB Company [16/01/2015 – 14/03/2015]

City: Chişinău | Country: Moldova

- Certified Network Associate (MTCNA)

Course completion certificate

„Alexandru Ioan Cuza” University of Iaşi [01/07/2006 – 15/08/2007]

Address: Bulevardul Carol I 1, 700506 Iaşi (Romania) | Website: www.uaic.ro | Level in EQF: EQF level 8

- Şcoala doctorală de vară "Microsoft Research"

Diploma of license / MSc, Physics and Computer Science

Moldova State University [01/09/1999 – 30/06/2003]

Address: str. Mateevici 60, MD-2009 Chişinău (Moldova) | Website: www.usm.md | NQF Level: Nivelul 6 CEC

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

Bachelor's degree

Moldova State University [01/09/1998 – 30/06/1999]

Address: str. Mateevici 60, MD-2009 Chişinău (Moldova) | Website: www.usm.md | Level in EQF: EQF level 1

- Cunoștințe de bază de liceu, profilul real.

LANGUAGE SKILLS

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

[2025]

[SPRINCEAN, Veaceslav, et al. Integrating UAV LiDAR Terrain Mapping and Real Photogrammetry Data for Rapid Evaluation, Assessment and Analysis. In: 2025 IEEE 12th International Workshop on Metrology for AeroSpace \(MetroAeroSpace\). IEEE, 2025. p. 361-366.](#)

[2025]

[Sprincean, Veaceslav, et al. "Preparation and Photoelectric Properties of Nanostructured Native Oxide of Gallium Monoselenide with Applications in Gas Sensors." Journal of Composites Science 9.4 \(2025\): 194.](#)

Journal Name: Journal of Composites Science

[2025]

[SPRINCEAN, Veaceslav, et al. Layered Structures Based on Ga2O3/GaSe0.98Se0.02 for Gas Sensor Applications. Surfaces, 2025, 8.3: 53.](#)

[2024]

[Sprincean, V., Qiu, H., Lupan, O., Tjardts, T., Petersen, D., Veziroglu, S., ... & Caraman, M. \(2024\). Synthesis and properties of \$\beta\$ -Ga₂O₃ 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 \(\$\beta\$ -Ga₂O₃ Composite Thin Films\)/\(Ga_xSe_{1-x} Lamellar Solid Solutions\) 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/In₂O₃ 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\$ -Ga₂O₃-GaS structure: air humidity sensor. In: Applied Physics A, 2022, vol. 128, no. 4, p. 1-7.](#)

[2021]

[SPRINCEAN, V., LUPAN, O., CARAMAN, Iu., UNTILA, D., POSTICA, V., COJOCARU, A., GAPEEVA, A., PALACHI, L., ADELING, R., TIGINYANU, I. Crystallinity and optical properties of \$\beta\$ -Ga₂O₃/Ga₂S₃ layered structure obtained by thermal annealing of Ga₂S₃ semiconductor. In: Materials Science in Semiconductor Processing, vol. 121, January 2021, 105314 \(Received 18 February 2020, Revised 2 July 2020, Accepted 5 July 2020, Available online 1 August 2020\).](#)