

PERSONAL INFORMATION

FLOREA (RADUTA) Ana-Maria



 409 Atomistilor Street, Magurele, Ilfov County, 077125, Romania

 Phone number  (+40) 0767821214

 ana.florea@inoe.ro

Sex F | Date of birth 08/10/1994 | Nationality Romanian

 ORCID ID: <https://orcid.org/0009-0008-2571-8242>

ResearchGate profile: <https://www.researchgate.net/profile/Ana-Maria-Florea-4>

 Web of Science ResearcherID: AAM-6263-2021

<https://scholar.google.com/citations?user=cGHZmqcAAAAJ&hl=ro>

2023-Current **Research Scientist**

INOE 2000, Department of Optospintronics (<http://www.inoe.ro/>)

- Conducting scientific research in materials science with a focus on optoelectronics and optospintronics
- Leading laboratory sessions for undergraduate students
- Preparing periodic scientific reports to document research progress and findings
- Presenting research outcomes at conferences and workshops through oral and poster communications
- Designing, drafting, and publishing articles in ISI-indexed journals

2018-2023 **Research Assistant**

Faculty of Physics, University of Bucharest (MDEO) (<http://www.fizica.unibuc.ro/>)

- Scientific research in materials science for electronic and optoelectronic devices
- Leading laboratory sessions for both undergraduate students
- Preparing periodic scientific reports to document research progress and findings
- Presenting research outcomes at conferences and workshops through oral and poster communications
- Contribution to the conceptualization and writing of scientific papers

WORK EXPERIENCE

2018-Current **Phd Student**

Field of study: **Condensed Matter Physics**

University of Bucharest, Faculty of Physics (<https://doctorat.fizica.unibuc.ro/Doctorat/Main.php>)

- Deposition and characterization of organic and inorganic thin films for highly efficient solar cells, nanomaterials and nanotechnologies and other electronic and optoelectronic devices.
- Scholarship for academic performance during doctoral studies:
- Attended seminars and laboratory sessions on "Electronics" and "Solid State Physics" (undergraduate students of Faculty of Physics)
- Attended seminars and laboratory sessions on "Numerical Computers" (undergraduate students of Faculty of Mathematics-Informatics - CTI)
- Involved in the coordination and preparation of bacheor's and dissertation thesis (undergraduate students from Faculty of Physics)
- Ph.D thesis: Contributions to study of A2-B6 thin films for applications in electronic and optoelectronic devices

2016-2018 **Master Degree (M.Sc.)**

Field of study: **Physics Of Advanced Materials and Nanostructures**

University of Bucharest, Faculty of Physics, Magurele (<https://www.fizica.unibuc.ro/Fizica/Main.php>)

- Scientific research for thesis preparation and defense
- Thesis: Study of physical properties of ZnSe thin films for photovoltaic applications

2013-2016 **Bachelor's Degree in Physics**

Field of study: **Physics**

University of Bucharest, Faculty of Physics, Magurele (<https://www.fizica.unibuc.ro/Fizica/Main.php>)

- Thesis: Study of ZnSe thin films for photovoltaic applications

2009-2013 **High School Baccalaureate Diploma**

"Horia Hulubei" Theoretical High School

Field of study: Exact Sciences Profile: "Mathematics – Informatics"

EDUCATION AND TRAINING

PERSONAL SKILLS

Mother tongue Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user

Communication skills

Good communication skills gained through:

- Many scientific presentations and laboratory sessions held
- Several attendances to conferences, workshops and summer schools

Job-related skills

Computer skills

- Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access
- Good knowledge of OriginLab Software
- Matlab, C/C++
- LaTeX: used for documents preparation (e.g. reports and presentations)

Driving licence

B

ADDITIONAL INFORMATION

Publications

1. **Florea, A.**, Caramizoiu, S., Iordache, A., Iordache, S., & Bită, B. (2025). Solid-State materials for Opto-Spintronics: focus on ferromagnets and 2D materials. *Solids*, 6(2), 25. <https://doi.org/10.3390/solids6020025>.
2. Iordache, S.-M.; Iordache, **A.-M.**; Florea, A.-M.; Caramizoiu, S.; Parvulescu, C.; Baiasu, F.; Negut, I.; Bită, B. Raman Spectroscopy of Graphene/CNT Layers Deposited on Interdigit Sensors for Application in Gas Detection. *C* **2025**, 11, 9. <https://doi.org/10.3390/c11010009>.
3. **Raduta, A.**, Panaitescu, A., Manica, M., Iftimie, S., Antohe, V., Toma, O., Radu, A., Ion, L., Sucheă, M. P., & Antohe, S. (2024). Effect of deposition working power on physical properties of RF-Sputtered CdTe thin films for photovoltaic applications. *Nanomaterials*, 14(6), 535. <https://doi.org/10.3390/nano14060535>.
4. **Raduta, A.**, Panaitescu, A., Radu, A., Ion, L., Antohe, V., Toma, O., Iftimie, S., & Antohe, S. (2023). Effect of the back contact electrode on the performances of the ultra-thin photovoltaic cells based on the CdS/CdTe heterojunction. *Chalcogenide Letters*, 871–882. <https://doi.org/10.15251/cl.2023.2012.871>.
5. Panaitescu, A., Antohe, I., **Raduta, A.**, Iftimie, S., Antohe, S., Mihailescu, C. N., & Antohe, V. (2022). Morphological, optical, and electrical properties of RF-sputtered zinc telluride thin films for electronic and optoelectronic applications. *AIP Advances*, 12(11). <https://doi.org/10.1063/5.0116999>.
6. Toma, O., Antohe, V., Panaitescu, A., Iftimie, S., **Raduta, A.**, Radu, A., Ion, L., & Antohe, S. (2021). Effect of RF power on the physical properties of sputtered ZnSe nanostructured thin films for photovoltaic applications. *Nanomaterials*, 11(11), 2841. <https://doi.org/10.3390/nano11112841>.
7. Iftimie, S., **Raduta, A.**, & Dragoman, D. (2021). Characterization of monochromatic aberrated metalenses in terms of Intensity-Based Moments. *Nanomaterials*, 11(7), 1805. <https://doi.org/10.3390/nano11071805>.
8. Radu, A., Locovei, C., Antohe, V. A., Socol, M., Coman, D., Manica, M., Dumitru, A., Dan, L., Radu, C., **Raduta, A. M.**, Ion, L., Iftimie, S., & Antohe, S. (2020). EFFECTS OF ANNEALING ON THE PHYSICAL PROPERTIES OF ITO THIN FILMS GROWN BY RADIO FREQUENCY MAGNETRON SPUTTERING. *Digest Journal of Nanomaterials and Biostructures*, 15(3), 679–687. <https://doi.org/10.15251/djnb.2020.153.679>.
9. Toma, O., Ion, L., Iftimie, S., Antohe, V., Radu, A., **Raduta, A.**, Manica, D., & Antohe, S. (2019). Physical properties of rf-sputtered ZnS and ZnSe thin films used for double-heterojunction ZnS/ZnSe/CdTe photovoltaic structures. *Applied Surface Science*, 478, 831–839. <https://doi.org/10.1016/j.apsusc.2019.02.032>.

Projects

1. "Elastomeric tuneable metasurfaces for efficient spectroscopic sensors for plastic detection", EEA Grants - 5SEE/2019, EEA-RO-NO-2018-0432, Coordinating institution: University of Bucharest (UB), Romania (Member, PhD Student - UB), Period: 2021-2023.
2. "Nanowire-templated back-electrodes for high efficiency solar cells" (NANOCELL), PN-III-P1-1.1-TE-2019-0868, Coordinating institution: University of Bucharest (UB), Romania (Member, ACS - UB), Period: 2020-2022.
3. "Nanoimprint lithography for photovoltaic devices" (NILPV), PN-III-P1-1.1-TE-2019-0846, Coordinating institution: University of Bucharest (UB), Romania (Member, ACS - UB), Period: 2020-2022.
4. "Extensive use of experience in space and security activities", PN-III-P1-1.2-PCCDI-2017-0371, Coordinating institution: Institute of Space Science (ISS) – INFLPR Division, Romania (Member, ACS - UB), Period: 2018-2020.

- Project leader
- Conferences
5. New solution for health and beauty industry based on synergy of charge and spin, Romania National Program 2023, L'Oréal Romania and CNR UNESCO (submitted at September 20, 2023)
 1. Iordache A.-M., Barna V., Caramizoiu S., Raduta A.-M., Bită B. I., Iordache S.-M., E-tongue like sensor for food safety (foodsense) – PD87/2020, International salon of Invention and Innovative Entrepreneurship, June 6-7, 2025, Chisinau.
 2. Iordache S.-M., Iordache A.-M., Barna V., Caramizoiu S., Raduta A.-M., Bită B. I., Ultrasensitive gas sensor array for greenhouse environment assesment (GreISen)-PED393/02.11.2020, International salon of Invention and Innovative Entrepreneurship, June 6-7, 2025, Chisinau.
 3. S.-M. Iordache, A.-M. Iordache, V. Barna, S Caramizoiu, **A.-M. Raduta**, B. I. Bită, Ultrasensitive gas sensor array for greenhouse environment assesment (GreHSen)-PED393/02.11.2020, International Fair of Innovation and Creative Education for Youth, 23-25 May, 2025, Faculty of electrical Engineering and Computer Science, Suceava, 2025.
 4. M. Iordache, V. Barna, S. Caramizoiu, **A. M. Raduta**, B. I. Bită, S. M. Iordache, E-tongue like sensor for food safety (foodsense) – PD87/2020, International Fair of Innovation and Creative Education for Youth, 23-25 May, 2025, Faculty of electrical Engineering and Computer Science, Suceava, 2025.
 5. Trends in polymers for opto-spintronics - a short review, **Ana-Maria FLOREA (RADUTA)**, Ana-Maria IORDACHE, Stefan CARAMIZOIU, Bogdan BITA, Cristina VASILIU, Irinela CHILIBON, Stefan-Marian IORDACHE, Bucharest University Faculty of Physics 2025 Meeting, 23-05-2025 - Bucharest, Romania.
 6. Interdigitated Electrode Sensors with Carbon-Polymer Composite Layers: Versatile Platforms for High-Sensitivity Chemical and Biological Detection, Bogdan BITA, Ana Maria IORDACHE, **Ana Maria FLOREA**, Stefan CARAMIZOIU, Cristina VASILIU, Irinela CHILIBON, Stefan Marian IORDACHE, Bucharest University Faculty of Physics 2025 Meeting, 23-05-2025 - Bucharest, Romania.
 7. Semiconducting polymers for urea analysis in synthetic saliva, Ana-Maria Iordache, Stefan Caramizoiu, Valentin Barna, Bogdan Bită, **Ana-Maria Florea**, Cristina Ileana Vasiliu, Irinela Chilibon, Stefan-Marian Iordache, Bucharest University Faculty of Physics 2025 Meeting, 23-05-2025 - Bucharest, Romania.
 8. P₂O₅ effect on optical properties of Nano-Structured Graphene doped zinc phosphate films, Cristina Ileana Vasiliu, Ana-Maria Iordache, Irinela Chilibon, Stefan Caramizoiu, **Ana-Maria Florea**, Bogdan Bită, Stefan-Marian Iordache, Bucharest University Faculty of Physics 2025 Meeting, 23-05-2025 - Bucharest, Romania.
 9. Piezoelectric materials for generating renewable electricity, Irinela CHILIBON, Ileana Cristina VASILIU, Ana Maria IORDACHE, Stefan Marian IORDACHE, Bogdan BITA, **Ana Maria FLOREA**, Stefan CARAMIZOIU, Bucharest University Faculty of Physics 2025 Meeting, 23-05-2025 - Bucharest, Romania.
 10. Metalloporphyrins used for the detection of histamine – electrochemical assessment of the sensitivity and selectivity parameters, Stefan-Marian IORDACHE, Ana-Maria IORDACHE, Cristina Ileana VASILIU, Irinela CHILIBON, Bogdan BITA, **Ana-Maria FLOREA**, Stefan CARAMIZOIU, Bucharest University Faculty of Physics 2025 Meeting, 23-05-2025 - Bucharest, Romania.
 11. 3D printed polymers - A short review, Stefan CARAMIZOIU, Valentin BARNĂ, Bogdan BITA, Ana-Maria IORDACHE, **Ana Maria FLOREA**, Stefan-Marian IORDACHE, Bucharest University Faculty of Physics 2025 Meeting, 23-05-2025 - Bucharest, Romania.
 12. **Ana-Maria Florea (Raduta)**, Ana-Maria Iordache, Stefan Caramizoiu, Ana-Maria Panaitescu, Marina Manica, Sorina Iftimie, Vlad-Andrei Antohe, Ovidiu Toma, Adrian Radu, Lucian Ion, Mirela Petruta Sucea, Stefan Antohe, Physical properties of submicrometric RF-sputtered CdTe thin films for photovoltaic, ROCAM 2024, X Jubilee Conference, 15 – 18 Iulie 2024, Bucuresti, Romania, Oral Presentation.
 13. Stefan-Marian Iordache, Ana-Maria Iordache, Stefan Caramizoiu, Cristiana Eugenia Ana Grigorescu, Bogdan Ionut Bită, Ileana Cristina Vasiliu, Mihail Elisa, Irinela Chilibon, **Ana-Maria Florea**, GreHSen - Ultrasensitive gas sensor array for greenhouse environment assesment, International Innovation and Invention Show -EURO Politehnicus, 1st Edition, Bucharest, Romania, 22 - 24 Noiembrie 2024, Poster.
 14. Grigorescu Cristiana Eugenia Ana, Iordache Stefan-Marian, Iordache Ana-Maria, Vasiliu Ileana Cristina, Chilibon Irinela, **Florea (Raduta) Ana-Maria**, Caramizoiu Stefan, 3D Printed Integrating Sphere Coated with Highly Reflective Surface Coating Using BaSO₄, The 16th International Conference on Physics of Advanced Materials (ICPAM-16), 7 – 15.09.2024, Antalya, Turkey, Poster.
 15. Grigorescu Cristiana Eugenia Ana, Iordache Stefan-Marian, Iordache Ana-Maria, Vasiliu Ileana Cristina, Chilibon Irinela, **Florea (Raduta) Ana-Maria**, Caramizoiu Stefan, Assessment of Candida spp. in synthetic body fluids using a colorimetric array, The 16th International Conference on Physics of Advanced Materials (ICPAM-16), 7 –15.09.2024, Antalya, Turkey, Poster.
 16. Grigorescu Cristiana Eugenia Ana, Iordache Stefan-Marian, Iordache Ana-Maria, Vasiliu Ileana Cristina, Chilibon Irinela, **Florea (Raduta) Ana-Maria**, Caramizoiu Stefan, Intelligent colorimetric sensor for urea assesment in mammalian saliva: diagnosis tool for kidney failure in veterinary practice, The 16th International Conference on Physics of Advanced Materials (ICPAM-16), 7 – 15.09.2024, Antalya, Turkey, Poster.
 17. Grigorescu Cristiana Eugenia Ana, Elisa Mihail, Iordache Stefan-Marian, Iordache Ana-Maria, Vasiliu Ileana Cristina, Chilibon Irinela, **Florea (Raduta) Ana-Maria**, Caramizoiu Stefan, Bită Bogdan Ionut, FoodESense – Electrochemical sensor for food safety, International Innovation and Invention Show -EURO Politehnicus, 1st Edition, Bucharest, Romania, 22 - 24 Noiembrie 2024, Poster.
 18. Iordache Stefan-Marian, Iordache Ana-Maria, **Florea (Raduta) Ana-Maria**, Caramizoiu Stefan, Bită Bogdan Ionut, Comparison of different types of semiconducting polymers as sensors for kidney failure, Bucharest University Faculty of Physics 2024 Meeting, Romania, 24 Mai 2024, Oral Presentation.
 19. Modified Pechini method used for the synthesis of Cs-fullerenes aerogel Ana Maria Iordache, E. I. Ionete, S.-M. Iordache, C. N. Zoita, S. Caramizoiu, **A. M. Raduta**, I. C. Vasiliu, I. Chilibon, C. E. A. Grigorescu, National Institute of Research and Development for Optoelectronic – INOE 2000, Romania, EnergEn 2023, Govora, Romania, Oral Presentation.
 20. S.-M. Iordache, A.-M. Iordache, A.M.I. Trefilov, **A.M. Raduta**, S. Caramizoiu, I. C. Vasiliu, I. Chilibon, C.

21. E. A. Grigorescu Electrochemical Sensor Based on Graphene-Aniline Composite for the Detection of Serotonin In Artificial Plasma, EnergEn 2023, Govora, Poster.
21. **A.M. Raduta**, S. Iftimie, V. A. Antohe, C. Locovei, A. Radu, L. Ion, S. Antohe, C.E.A. Grigorescu Effect of Working Power on Physical Properties of Rf-Sputtered CdTe Thin Films for Photovoltaic Applications, EnergEn 2023, Govora, Romania, Poster.
22. Some numerical results for monochromatic aberrated metalenses in terms of intensity-based moments, S. Iftimie, **A.-M. Raduta**, D. Dragoman, META 2022, 19-22 July 2022, Torremolinos – Spain, Oral Presentation.
23. Study of All-BVI zinc based thin films for sensor applications, A.-M. Panaitescu, D. Giurgiu, V.-A. Antohe, S. Iftimie, **A.-M. Raduta**, A. Radu, L. Ion, S. Antohe, Bucharest University Faculty of Physics Meeting, June 24, 2022, Oral Presentation.
24. On the photovoltaic performances of CdTe/CdS heterojunction based devices – the effect of the transparent electrode, S. Iftimie, **A.M. Raduta**, A.M. Panaitescu, I. Radulian, C. Locovei, V.A. Antohe, A. Radu, L. Ion, S. Antohe, E-MRS 2022 Spring Meeting, May 30 - June 03, 2022, Strasbourg, France, Poster.
25. Physical properties of ultra thin heterojunctions based on Cd and Cd free All-BVI compounds for electronic and optoelectronic applications, A.M. Panaitescu, **A.M. Raduta**, V.A. Antohe, S. Iftimie, L. Ion, A. Radu, S. Antohe, TIM 20-21 Physics Conference, Timișoara, November 11-13, 2021, Romania, Oral Presentation.
26. Study of monochromatic aberrated metalenses by intensity-based moments, S. Iftimie, **A.-M. Raduta**, D. Dragoman, 44th International Semiconductor Conference-CAS 2021, 6-8 October 2021, Oral Presentation.
27. Physical properties of ultra-thin photovoltaic structures based on All-BVI compounds, A. M. Panaitescu, V. A. Antohe, S. Iftimie, **A. M. Raduta**, A. Radu, L. Ion, S. Antohe, 4th Autumn School on Physics of Advanced Materials (PAMS-4), September 24-30, 2021, Sant Feliu de Guixols, Spain, Oral Presentation.
28. Effect of the applied power on the structural, morphological, optical and electrical properties of RF-sputtered ZnSe thin films, A.-M. Panaitescu, O. Toma, S. Iftimie, A. Radu, **A.-M. Raduta**, D. Manica, L. Dan, L. Ion, Ș. Antohe, V.-A. Antohe, E-MRS 2021 Spring Meeting, May 31- June 4, 2021, Strasbourg, France, Poster.
29. A comparison between substrate and superstrate photovoltaic devices based on CdTe/CdS heterojunction, S. Iftimie, C. Locovei, A.G. Sovaiala, O.D. Baban, **A.M. Raduta**, A.M. Panaitescu, A. Radu, V.A. Antohe, A. Dumitru, L. Ion, S. Antohe, E-MRS 2021 Spring Meeting, May 31 - June 4, 2021, Strasbourg, France, Poster.
30. Physical properties of RF-sputtered ZnS and ZnSe thin films used for photovoltaic cells based on CdTe as main absorber, **A.-M. Raduta**, S. Antohe, A doua conferință a doctoranzilor din Consorțiu Universitar, September 26-28, 2019, ASE Bucharest, Oral Presentation.
31. Effects of annealing on the physical properties of various metallic oxides, S. Iftimie, C. Locovei, A. Radu, V.A. Antohe, M. Socol, A. Dumitru, **A.M. Raduta**, L. Ion, S. Antohe, YUCOMAT 2019, September 02-06, 2019, Oral Presentation.
32. Physical properties of rf-sputtered ZnS and ZnSe thin films used for double-heterojunction ZnS/ZnSe/CdTe photovoltaic structures, **A.-M. Raduta**, L. Ion, S. Iftimie, V. Ghenescu, M. Ghenescu, V.-A. Antohe, A. Radu, L. Dan, S. Antohe, IBVAP 2019, Romania, July 16-19, 2019, Oral Presentation.
33. On the physical properties of ZnSe1-xOx thin film grown by rf-magnetron sputtering, Sorina Iftimie, A. Radu, F. Baiasu, **Ana Maria Raduta**, V.A. Antohe, Diana Coman, Ana Maria Panaitescu, L. Ion, S. Antohe, 12th International Conference on Physics of Advanced Materials – ICPAM-12, 22.09.-28.09.2018, Heraklion, Greece, Oral Presentation.
34. Optimization growth procedure of metallic segmented Ni nanowires for sensing devices, A. Radu, S. Iftimie, A.I. Calugar, **A.-M. Raduta**, L. Ion, S. Antohe, D. Dragoman, 11th International Conference on Physics of Advanced Materials – ICPAM-11, 8-14 September 2016, Cluj-Napoca, Romania, T5-P5, Poster.

Honours and awards

1. UEFISCDI awards for the following articles:
 "Effect of RF power on the physical properties of Sputtered ZnSe Nanostructured Thin Films for photovoltaic applications" by: Toma O, Antohe VA, Panaitescu AM, Iftimie S, **Raduta AM**, Radu A, Ion L, Antohe S.
 "Characterization of Monochromatic Aberrated Metalenses in Terms of Intensity-Based Moments" by: Iftimie S, **Raduta AM**, Dragoman D.
2. Best Poster Award for the poster presentation by: **A.M. Raduta**, S. Iftimie, V. A. Antohe, C. Locovei, A. Radu, L. Ion, S. Antohe, C.E.A. Grigorescu "Effect of Working Power on Physical Properties of Rf-Sputtered CdTe Thin Films for Photovoltaic Applications".
3. Iordache A.-M., Bama V., Caramizoiu S., Raduta A.-M., Bita B. I., Iordache S.-M., E-tongue like sensor for food safety (foodsense) – PD87/2020, International salon of Invention and Innovative Entrepreneurship, June 6-7, 2025, Chisinau, GOLD MEDAL.
4. Iordache S.-M., Iordache A.-M., Bama V., Caramizoiu S., Raduta A.-M., Bita B. I., Ultrasensitive gas sensor array for greenhouse environment assesment (GreHSen)-PED393/02.11.2020, International salon of Invention and Innovative Entrepreneurship, June 6-7, 2025, Chisinau, GOLD MEDAL.
5. S.-M. Iordache, A.-M. Iordache, V. Bama, S Caramizoiu, **A.-M. Raduta**, B. I. Bita, Ultrasensitive gas sensor array for greenhouse environment assesment (GreHSen)-PED393/02.11.2020, International Fair of Innovation and Creative Education for Youth, 23-25 May, 2025, Faculty of electrical Engineering and Computer Science, Suceava, 2025, GOLD MEDAL.
6. M. Iordache, V. Bama, S. Caramizoiu, **A. M. Raduta**, B. I. Bita, S. M. Iordache, E-tongue like sensor for food safety (foodsense) – PD87/2020, International Fair of Innovation and Creative Education for Youth, 23-25 May, 2025, Faculty of electrical Engineering and Computer Science, Suceava, 2025, GOLD

Academic activities & Additional training

- MEDAL
7. Stefan-Marian Iordache, Ana-Maria Iordache, Stefan Caramizoiu, Cristiana Eugenia Ana Grigorescu, Bogdan Ionut Bita, Ileana Cristina Vasiliu, Mihail Elisa, Irinela Chilbon, **Ana-Maria Florea**, GreHSen "Ultrasensitive gas sensor array for greenhouse environment assessment", International Innovation and Invention Show -EURO Politehnicus, 1st Edition, Bucharest, Romania, 22 - 24 November 2024, GOLD MEDAL.
 8. A. Radu, S. Iftimie, **A.-M. Raduta**, D. Dragoman, "Tuning near-infrared emission in metasurfaces with multi-functionalities", Session Nanoscience & Nanoengineering, 46th International Semiconductor Conference, CAS 2023, October 11-13 2023, Best Paper Award-Poster.
1. Workshops Horiba : "Microplastics in Air and Food: Tackling Human Exposure with Raman Spectroscopy"-Thu, May 22, 2025 4:00 PM - 5:00 PM EEST", "Characterizing semiconductor materials by optical microspectroscopies"-Thu, Oct 17, 2024 4:00 PM - 5:00 PM EEST", "Raman microscopy: the key elements"-Tue, Mar 19, 2024 4:00 PM - 5:00 PM EET", "Raman microscopy to support pharmaceutical challenges"-Thu, Feb 22, 2024 4:00 PM - 5:00 PM EET", "Raman effect, What is it?"-Thu, Jan 25, 2024 4:00 PM - 5:00 PM EET".
 2. Research Education Application Days 2019 (READ 2019), Polytechnic University of Bucharest
 3. Summer School attendance:
 - 18th International Balkan Workshop on Applied Physics and Materials Science, July 10-13, 2018, Constanta, Romania.
 - ERASMUS-ELBYSIER Intensive Program in Bioelectronics and Medical Electronics, 20-24 March 2017, Gardanne, Department of Bioelectronics, Centre Microelectronique de Provence, Ecole des Mines de Saint Etienne.
 - ERASMUS-ELBYSIER Intensive Program in Graphene technologies and Nanoelectronics, 9-13 October, 2017, CENIMAT-FCT Universidade Nova de Lisboa.
 4. International Summer School on Crystal Growth and Advanced Materials for Energy Conversion, 10-15 July, 2017, Bucharest, Romania.
 5. 2nd Autumn School on Physics of Advanced Materials (PAMS-2), Babes-Bolyai University of Cluj-Napoca, Romania, 8-14 September, 2016.
 6. Summer School of Science and Technology at Magurele, August 23 – September 5, 2020, Topic: Particularities of Solar Cells, Mentors: **Ana-Maria Raduta**, Bogdan Bita, Sorina Iftimie, Adrian Radu, Stefan Antohe.
 7. Summer School of Science and Technology at Magurele, August 24 – September 6, 2019, Topic: Solar Energy Conversion into Electric Energy: From Solar Panels to Pocket Devices, Mentors: **Ana-Maria Raduta**, Bogdan Bita, Adrian Radu, Sorina Iftimie, Stefan Antohe.
 8. PRACTICATIV, POSDRU/161/2,1/G/133766, S.C Optoelectronica 2001 SA, 2015.
 9. PRACTICATIV, POSDRU/161/2,1/G/133766, INFLPR, 2015.
 10. Scientific events "Physics from A to Z" – Faculty of Physics, "Cu mic, cu mare prin Univers" and "Noaptea Cercetatorilor" ReCoNnect - Presentation of the INOE2000 labs and research activities
 11. Member of ASF-UB (Association of Physics Students – University of Bucharest)
 12. Workshop: "Information Services for Students and the Business Environment"
 13. Project: "I Am a Citizen, I Know My Rights!" – ASIS
 14. Member of the National Council of Students
- Elsevier Certificate of Reviewing, Results in Surfaces and Interfaces Journal, July 2024

Experience as reviewer

Date & Signature

30/07/2025

Florea Ana-Maria



