

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Name [**STELA VASILEVA ATANASOVA-VLADIMIROVA**]
Address [Nadejda, Sofia, 1231, Bulgaria]
Telephone 0886260545
Fax
E-mail
Nationality Bulgarian
Date of birth [29.02.1972]

WORK EXPERIENCE

- Dates (from – to) **05.12.2005 – 30.04.2006**
- Name and address of employer Central Laboratory of Mineralogy and Crystallography, Bulgarian Academy of Sciences, Sofia 1113, "Acad. G. Bonchev", bldg. 107, BAS)
- Type of business or sector Geology
- Occupation or position held **mineralogist**
- Main activities and responsibilities

- Dates (from – to) **01.05- 2006 – 11.11.2007**
- Name and address of employer **National Museum "Earth and Man"**
- Type of business or sector **Mineralogy**
- Occupation or position held **curator**
- Main activities and responsibilities

- Dates (from – to) **19.11.2007 - until now**
- Name and address of employer **Institute of Physical Chemistry, Bulgarian Academy of Sciences, Sofia 1113, Acad. G. Bonchev", bl. 11**
- Type of business or sector **Laboratory of electron microscopy and microanalysis**
- Occupation or position held **Senior assistant**
- Main activities and responsibilities

EDUCATION AND TRAINING

- Dates (from – to) **2015**

- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
 - Title of qualification awarded
 - Level in national classification (if appropriate)

Geological Institute, Bulgarian Academy of Sciences

Petrology - Petrology and geochemistry of the Vitosha pluton

PhD

- Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
 - Title of qualification awarded
 - Level in national classification (if appropriate)

1997-1999

Faculty of Geology and Geography, SU "St. Kliment Ohridski"

Geologist

Master of Geology

- Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
 - Title of qualification awarded

1993-1997

Faculty of Geology and Geography, SU "St. Kliment Ohridski"

Geologist

Bachelor

- Dates (from – to)

1987-1999

• Name and type of organization providing education and training

Graduate of “Anastasia Dimitrova”, Pleven, Bulgaria

- Principal subjects/occupational skills covered
 - Title of qualification awarded
 - Level in national classification (if appropriate)

PERSONAL SKILLS AND COMPETENCES

Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.

MOTHER TONGUE

[Bulgarian]

OTHER LANGUAGES

[ENGLISH]

- Reading skills
- Writing skills
- Verbal skills

[excellent]

[Very good]

[Very good]

SOCIAL SKILLS AND COMPETENCES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

ORGANISATIONAL SKILLS
AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

Project participant: 7 projects

TECHNICAL SKILLS
AND COMPETENCES

With computers, specific kinds of equipment, machinery, etc.

OTHER SKILLS
AND COMPETENCES

Competences not mentioned above.

[Describe these competences and indicate where they were acquired.]

SPECIALIZED COURSES
ATTENDED

Applied and scientific research in mineralogy, petrology and crystal growth
JEOL JSM 6390 Electron Microscope
Zeiss Axioscope 5 optical microscope
Zeiss Stemi 305 stereomicroscope

DRIVING LICENCE(S)

No

ADDITIONAL INFORMATION

PUBLICATION ACTIVITY

Number of publications - 26
Number of noticed citations-138
h-index : 6

PARTICIPATION IN
CONFERENCES

Number of conferences. - 73

LIST OF RELEVANT PUBLICATIONS

1. Dimowa, L., Piroeva, I., Atanasova-Vladimirova, S., Petrova, N., Ganev, V., Titorenkova, R., Yankov, G., Petrov, T., Shivachev, B.. Synthesis, structural, thermal and optical properties of TeO₂-Bi₂O₃-GeO₂-Li₂O glasses. *Optical Materials*, 60, 2016
<https://www.sciencedirect.com/science/article/pii/S0925346716304724>
2. Ignatova, K., Piroeva, I., Vladimitova-Atanasova, S.. EFFECT OF THE ELECTRODEPOSITION CONDITIONS ON THE MORPHOLOGY AND CORROSION BEHAVIOR OF Ni-Co ALLOYS PART 1: CHEMICAL COMPOSITION, CATHODIC CURRENT EFFICIENCY, AND MORPHOLOGY OF Ni-Co ALLOYS ELECTRODEPOSITED FROM CITRATE ELECTROLYTE. *Journal of Chemical Technology and Metallurgy*, 51, 1, 2016.
https://journal.uctm.edu/node/j2016-1/10_K_Ignatova.pdf
3. Taurino, R, Karamanov, A, Rosa, R, Karamanova, E, Barbieri, L, Atanasova-Vladimirova, S, Avdeev, G, Leonelli, C. New ceramic materials from MSWI bottom ash obtained by a innovative microwave-assisted sintering process. *Journal of the European Ceramic Society*, 37, 1, 2017
<https://www.sciencedirect.com/science/article/pii/S0955221916304320>
4. Taurino, R, Karamanova, E, Barbieri, L, Atanasova-Vladimirova, S, Andreola, F, Karamanov, A. New fired bricks based on municipal solid waste incinerator bottom ash. *Waste Management & Research Vol*, 35, 10, 2017
<https://journals.sagepub.com/doi/abs/10.1177/0734242X17721343?journalCode=wmra>
5. Cholakova T.M., Kolaklieva L.P., Kakanakov R.D., Chitanov V.A., Rangelov B. S., Atanasova-Vladimirova S., Stefanov P. K., Atanasova G. B., Balashev K. T.. Effect of the heat treatment on mechanical and structural properties of CrTiAlN coatings deposited at low temperature. *Bulgarian Chemical Communications*, 50, Special Issue G, 2018,
<https://iopscience.iop.org/article/10.1088/1742-6596/992/1/012030/pdf>
6. Lihareva N., Dimowa L., Petrov, O., Tzvetanova, Y., Atanasova Vladimirova, S. "Study of the kinetics and mechanism of Sr²⁺ sorption by clinoptilolite" *Journal of Radioanalytical and Nuclear Chemistry*, 321, 31-38, 2019.
<https://link.springer.com/article/10.1007/s10967-019-06574-x>
7. Stamenov, L. Stefanova, V. Lucheva B., Atanasova-Vladimirova, S. "Utilization of waste solutions of a high Fe(III) concentration by crystallization of ferric sulfate hydrate" *Journal of Chemical Technology and Metallurgy*, 54, 2, 379-386, 2019.
<https://www.scopus.com/record/display.uri?eid=2-s2.0-85071160214&origin=resultslist&sort=plf-f&src=s&sid=5f218fc6bde482dc312ed952c92af9e3&sot=a&sdt=a&sl=69&s=AU-ID%28%22Atanasova-Vladimirova%2c+Stela%22+57210758872%29+AND+PUBYEAR+IS+2019&relpos=1&cit>
8. Ferreira, R., Petrova, Ts, Ferreira, A. F., Costa M., Inaydenova, I., Atanasova-Vladimirova, S., Rangelov B. „Size-Segregated Particulate Matter from Gasification of Bulgarian Agro-Forest Biomass Residue“, *Energies*, 14, 2, MDPI, 2021
<https://www.mdpi.com/1996-1073/14/2/385>
9. Vutova, K., Stefanova, V. Vassileva, V. Atanasova-Vladimirova, S., „Recycling of Technogenic CoCrMo Alloy by Electron Beam Melting“, *Materials*, 15, 12, MDPI, 2022
<https://www.mdpi.com/1996-1944/15/12/4168>
10. Stamboliyska, B. Tapanov, S. Kovacheva, D. Atanasova-Vladimirova, S. Rangelov, B. Yancheva, D. Velcheva E., Stoyanov, S. Guncheva, M. Fischer D., Lederer, A. Characterization of art materials and degradation processes in the exterior wall paintings of the main church of Rila Monastery, Bulgaria, *Vibrational Spectroscopy*, 128, 2023
<https://www.sciencedirect.com/science/article/pii/S0924203123000875?pes=vor>
11. Anichina, K., Georgiev N., Lumov, N., Vuchev, D., Popova-Daskalova, G., Momekov, G., Cherneva E., Mihaylova R., Mavrova, A., Atanasova-Vladimirova, S., Piroeva, I., Yancheva, D. Fused Triazinobenzimidazoles Bearing Heterocyclic Moiety: Synthesis, Structure Investigations, In silico and In vitro Bio- logical activity, *Molecules*, 23, 2023.
<https://www.scopus.com/record/display.uri?eid=2-s2.0-85164846034&origin=resultslist&sort=plf-f&src=s&st1=Atanasova-Vladimirova&st2=Stela&nlo=1&nlr=20&nls=count-f&sid=67b8f6f7595f8609c3aeecd02718cab1&sot=anl&sdt=aut&sl=49&s=AU-ID%28%22Atanasova-Vladimirova%2c+S.+B.%22+55453984500%29&relpos=1&citeCnt=0&searchTerm=>

LIST OF PROJECTS

1. Project DU-44/01.09.2016 "The Thracians - genesis and development of the ethnos, cultural identities, civilizational interactions and heritage from antiquity", "Mining, metallurgy and metal processing. Development of technologies. The earliest metallurgy"
Project coordinator Georgi Avdeev, Institute of Physical Chemistry, (2016-2017)
2. Project No. DN 19/7, "Theory and application of sinter-crystallization"
Project coordinator: Alexander Karamanov, Institute of Physical Chemistry, (2017-2022)
3. Project No. BG05M2OP001: "Building and development of the scientific potential in the field of specializations in physicochemistry and electrochemistry, OP "Science and education for intelligent growth,
Project coordinator: Maria Hristova Petrova-Nikolova, Institute of Physical Chemistry, (2017-2018)
4. Project No. 382/18.12.2020, INFRAMAT (Distributed infrastructure of centers for production and research of new materials and their application, as well as for conservation, access and e-storage of artifacts (archaeological and folklore))
Project coordinator: Vesela Tsakova, Institute of Physical Chemistry, (2020-2022)
5. Project No. KP-06-DK1/3,-Biopolymer-containing functional platforms for in vitro directed transfer and combined release of therapeutic components in the treatment of coronavirus infection
Project coordinator Victoria Nakova, Institute of Physical Chemistry, (2021-2023)
6. Project No. D01-306/20.12.2021, INFRAMAT (Distributed infrastructure of centers for production and research of new materials and their application, as well as for conservation, access and e-storage of artifacts (archaeological and folklore))
Project coordinator: Vesela Tsakova, Institute of Physical Chemistry, (2021-2023)
7. Project BG05M2OP001-1.001-0008, financed by the Operational Program "Science and Education for Smart Growth", co-financed by the European Union through the European Structural and Investment Funds.