

Rahimli Almara Mahammadali



Date of birth: 16 June 1993

Place of Birth: Azerbaijan

Citizenship: Azerbaijan

Cell phone: +994503555205

Email: rahimli.almara@gmail.com

EDUCATION AND ACADEMIC DEGREES OBTAINED

2010-2014: Faculty of Physics Baku State University (Bachelor Degree in Physics)

2014-2016: Department of Chemical Physics of Nanoparticles Baku State University (Master of Science Degree in Physics)

From 2016: Department of Physics and Technology of Nanostructures (Currently studying)

PROFESSIONAL BACKGROUND

January 2018: Researcher at Department of Chemical Physics of Nanomaterials

Baku State University, Baku, Azerbaijan .

LANGUAGES:

Azeri – native speaker
Turkish -- fluent speaker
English -- fluent speaker
Russian --elementary

CONFERENCES AND TRAININGS

- Attended in VII Eurasia conference on “Nuclear sciences and its applications”
- In 2016 had an internship in the IT company “Ultra Technologies”.
- Between June-July, 2017 has participated at scientific school organized by Joint Institute Nuclear Research (JINR) in Dubna, Russia
- Between September-October, 2017 has carried out experiment on the Modification of TiO₂ nanoparticles with carbon-like material”, at the Applied Chemistry and Biochemistry Department of Kumamoto University, Japan.
- Between June-September, 2018 has carried out experiment on the “The Polymer Coating on the Surface of Colloidal SiO₂ nanoparticles as a result of Copolymerization of 2,6-dihydroxyanthracene (DHA) and trimethylhexahydro-1,3,5-triazinane (TMTA) monomers” at the Applied Chemistry and Biochemistry Department of Kumamoto University, Japan.

PROJECTS:

"Electrets for impulse technology based on ZrO₂ nanoparticles and thermoplastic polymers”

LIST OF PUBLICATIONS

1. A.M.Rahimli, F.V.Hajiyeva, M.A.Ramazanov, **The luminescent properties of nanocomposites based on polyvinylidene fluoride and zirconium dioxide nanoparticles**, XVII Republic Scientific Conference of Young Researchers on "The problems of Physics and Astronomy" May, 2015.
2. A.M.Rahimli, F.V.Hajiyeva, M.A.Ramazanov, **The investigation of structure of nanocomposites based on polyvinylidene fluoride and zirconium dioxide nanoparticles**, Republic Scientific Conference on "The actual problems of physics" December, 2015
3. A.M.Rahimli, F.V.Hajiyeva, **Influence of electrothermopolarization on the luminescent properties and structure of nanocomposites based on polyvinylidene fluoride and zirconium dioxide nanoparticles**, "Opto, nanoelectronics, condensed-matter and high-energy physics" International Conference, December, 2015
4. A.M.Rahimli, F.V.Hajiyeva, M.A.Ramazanov, **Dielectric properties of nanocomposites based on PVDF+ZrO₂**, " IV International Scientific Conference of Young Researchers, April, 2016
5. A.M.Rahimli, F.V.Hajiyeva, **Interphase interaction and influence of a charge condition and interphase interactions in the formation of the structure and properties of nanocomposites based on PVDF+ZrO₂**, XVII Republic Scientific Conference "The problems of Physics and Astronomics" of Young Researchers, May, 2016
6. F.V.Hajiyeva, M.A.Ramazanov, A.M.Maharramov, U.A.Hasanova, **A.M.Rahimli**, Influence of temperature time mode of crystallization on the structure and properties of nanocomposites on the base of polyviniliden-fluoride (PVDF) **and zirconium dioxide (ZrO₂) nanoparticles**, Journal of Optoelectronics and Biomedical Materials, Volume 9, 1-7, January,2017
7. M.A.Ramazanov, **F.V.Hajiyeva**, A.M.Maharramov, A.M.Rahimli, **Influence of Polarization Charges on the Photoluminescence Properties of Nanocomposites Based on Polyvinylidene Fluoride and Titanium Dioxide Nanoparticles**, Journal of Inorganic and Organometallic Polymers and Materials, Volume 27, January, 2017
8. Ramazanov M.A., Hajiyeva F.V., Maharramov A.M., Ahmadova A.B., Nuriyev M.A., Hasanova U.A., Rahimli A.M., **The influence of corona**

discharge on the electret properties and charge state of polymer nanocomposites based on isotactic polypropylene and titanium dioxide nanoparticles (TiO₂), International Conference Modern trends in Physics, 20-22 April, 2017,

9. M.A.Ramazanov, F.V.Hajiyeva, A.M.Maharramov, A.B.Ahmadova, U.A.Hasanova A.M.Rahimli and H.A.Shirnova, **Influence of Polarization Processes on the Morphology and Photoluminescence Properties of PP/TiO₂ Polymer Nanocomposites**, Journal of ACTA PHYSICA POLONICA, Volume 131, 1540-1543, April, 2017
10. M.A.Ramazanov, F.V.Hajiyeva, A.M.Maharramov, U.A.Hasanova, A.M.Rahimli , **The role of the polarization charges in the formation of photoluminescent properties of nanocomposites based on polyvinylidene fluoride and zirconia dioxide nanoparticles**, Journal of INTEGRATED FERROELECTRICS, Vol.185, 1-8, 2017