



**Sholpan Giniyatova**

*Deputy Dean of the faculty of physics and technology, Associate Professor of the International Department of Nuclear Physics, New Materials and Technologies*

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**Scientific degree, title, scientific school:**

Candidate of Physical and Mathematical Sciences, Associate Professor

**Scientific interests:**

Plasma physics, solar-terrestrial physics, field of radiation solid state physics

**Professional experience:**

2016 - Deputy Dean of the Department of Physics and Technical Sciences, L.N. Gumilyov Eurasian National University;  
 2010-2015 Associate Professor of International Department of Nuclear Physics, New Materials And Technologies;  
 2009 – 2010 - head of training and methodical department, Caspian state university of technology and engineering, Aktau;  
 2007-2009. - deputy director of engineering and technology institute, Caspian state university of technology and engineering, Aktau;  
 2006-2007.- Associate Professor of the Physics and Informatics Department, Aktau State University, Aktau, Kazakhstan

**Delivered courses:** Electricity and Magnetism, Technology of Programming, Nuclear reactors and nuclear power, Physics of cosmic rays

**Author’s courses:**

Physics of cosmic rays

**Publications (selected):**

1. Baimbetov F.B., Giniyatova Sh.G. On the pseudopotential model of interacting particle and electrical conductivity of fully ionized plasma // Contrib. Plasma Phys. - 2005. - Vol. 45, №1. - P. 40-45.
2. Baimbetov F.B., Giniyatova Sh.G. Interparticle interaction and transport processes in dense semiclassical plasmas // Phys. Plasma. - 2005. - Vol. 12, №4. - P. 042705(1-4).
3. Giniyatova Sh. et al. The vacuum system for technological unit development and design. Journal of Physics. Vol.652, 2015. 012062.
4. Giniyatova Sh. et al. Evaluation of CARPET hardware and software potentialities. Bulletin of the university Karaganda-phys. - 2018. - Vol. 2 (90). - P. 81-87
5. Giniyatova S., Dauletbekova A. Structure, electrical properties and luminescence of ZnO nanocrystals deposited in SiO<sub>2</sub>/Si track templates // Rad. Measurements, –2019. –Vol.125. –P.52-56.
6. Balakhayeva R., Akilbekov A., Giniyatova S., Baimukhanov Z. Structure properties of CdTe nanocrystals created in SiO<sub>2</sub>/Si ion track templates // Surface and Coatings Technology. –2020. Vol. 401(15). –P. 126269
7. Omarova A., Kadyrzhanov K., Giniyatova Sh. Study of structural and morphological features of nanostructured coatings based on CoCdSe // Solid State Sciences. –2020. –Vol. 106. –P.106339.
8. Giniyatova Sh., Tishkevich D. et al. Early-Stage Growth Mechanism and Synthesis Conditions-Dependent Morphology of Nanocrystalline Bi Films Electrodeposited from Perchlorate Electrolyte // Nanomaterials. –2020. –Vol. 10. –P. 1245.
9. Akylbekova A., Usseinov A., Kozlovskiy A., Giniyatova S., Popov A., Dauletbekova A., Ion track template technique for fabrication of ZnSe<sub>2</sub>O<sub>5</sub> nanocrystals // Nuclear Instruments & Methods in Physics. – 2020. –Vol. 476. –P. 10