

ALLAHVERDIYEV SHAMSADDIN ALLAHVERDI OGHLU



PhD of Physics, Laboratory Chief of the Department of «Physical Electronics»

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Brief Biography

Shamsaddin Allahverdi oghlu Allahverdiyev was born on November 18, 1954 in Guba, Azerbaijan.. He is married and has 3 children. He is Azerbaijani and lives in Baku.

Educational Qualifications

1981 Graduated from the faculty of Physics of Azerbaijan (present Baku) State University

2010 Defended his thesis “Electronic phenomena associated with the recharge of local levels in holmium doped crystals of gallium selenide”, received the academic degree of PhD of Physics.

Work experience:

1973	started professional career.
1977 – 1982	laboratory assistant of the department of “Physical Electronics” at Baku State University
1982 – 1984	senior laboratory assistant of the department of “Physical Electronics” at Baku State University
1984 – 2015	laboratory chief of the department of “Physical Electronics”
Since 2015	teacher of the department of “Physical Electronics”

DISCIPLINES:

Radiophysics, Electronic Devices and Microwave, Gas Discharge and Plasma Physics, Fundamentals of Vacuum Technology and Electronic Emission, Optical Electronics, Solid Body Electronics and Circuit Engineering, Fundamentals of Physical Electronics.

OBJECT OF RESEARCH - Electronic phenomena associated with the recharge of local levels in holmium doped crystals of gallium selenide

PARTICIPATION AT INTERNATIONAL SEMINARS, SYMPOSIUMS AND CONFERENCES

2012-The XV international conference «Opto-, nanoelectronics, nanotechnologies and Microsystems», Ulyanovsk.

2013 - The international scientific conference «Actual Problems of Physics», dedicated to the 80th anniversary of academician B.M.Asgarov, Baku.

2014 – The 10th International Conference on Technical and Physical Problems of Electrical Engineering, Baku

2016 – Renewable Energy Sources: Technologies and Installations. International Scientific Conference, Tashkent

2017 – International Conference “Modern Trends in Physics”. Baku

SELECTED WORKS

Author of 28 research papers.

1. Effect of optical fatiguability in crystals of A3B6 with layered structure alloyed by rare-earth elements. EMRS, Spring Meeting, Strasbourg, France, the R/P, 2007.

2. Negative photoconductivity and clearing of nonequilibrium conductivity in crystals p - GaSe<REE>. “Modern Problems of Physics” I Republican Conference. Baku, 2007

3. Conductivity of high pure and doped REE GaSe crystals. Inorganic materials, Moscow-2009,

4. Establishment of electric field after sudden current modification in a positive column of a helium discharge. 10th International Conference on “ Technical and Physical Problems of Electrical Engineering”. Baku, 2014.

5. ФРЭЭ и скачок потенциала в двойном слое дугового разряда в гелии. Проблемы энергетики, 2016, №1, с. 52-55

6. Определение вольт-амперных характеристик аргоновой плазмы с помощью следящего зонда. Известия ВУЗов, Физика. 2017, т.60, №9, с. 79-82

7. Distribution Function and balance of the number of electrons in the double layer of an arc discharge in mercury vapor. **High Temperature** (Терлофизика vysokikh temperatur). 2018, Vol. 56, №3, p. 1-6