

Curriculum Vitae

Shaig A. Nabiyeu



Work Place : Shamakhy Astrophysical Observatory
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AREAS OF SPECIALTY

Solar System, Cosmology, Celestial mechanics, Physics and dynamics of Solar System bodies:

- Long-period comets;
- Analytical and numerical investigations of the natural and artificial bodies of the solar system;
- Spectrophotometrical investigations of the bodies of the Solar system;
- Statistical aspects of the question of the dynamical relationship of long-period comets to giant planets (Saturn, Uranus, Neptune);
- Dwarf planets (Pluto, 2003 EL61, 2003 B313), and five hypothetical planets;
- The minimum interorbital distances of comets from the listed planetary bodies.
- Comets – Earth hazard problems.

MEMBERSHIPS

- Member of Azerbaijani Astronomical Society;
- Chair, Student Committee 1995-97;
- Member, Student Committee 1993–95;

PAPERS

- Nabiyev.Sh.A., Research problems of comet hazard for Earth by orbit's units distribution. [Journal of Qafqaz University № 23, p. 173-176](#), Baku (11/2008)
- Guliyev. A.S. Nabiyev.Sh.A, "Twin - Comets" [Azerbaijan Astronomical Journal, pg:5-10](#), Baku 2006
- Guliyev. A.S. Nabiyev.Sh.A, Pluto and comets: 3. Possible mechanisms of interrelation of comets and Pluto. [Kinematika i Fizika Nebesnykh Tel, vol. 21, no. 1, p. 53-59](#), Ukraine (02/2005)
- Guliyev. A.S. Nabiyev.Sh.A, Pluto and comets: 2. Some peculiarities of the group of comets having a possible association with Pluto. [Kinematika i Fizika Nebesnykh Tel, vol. 20, no. 3, p. 283-288](#), Ukraine (06/2004)
- Nabiyev.Sh.A, Research of units of orbits of long- periodic comets in the Transpluto region. Circular Shamakhy Astrophysical Observatory, № 102, p.24-25, Baku (2004)
- Nabiyev.Sh.A, Guliyev. A.S, Some aspects of comet problems hazard for Earth. "Cyclicality and cosmological problems" proceedings. P.102-104. (2003)
- Guliyev. A.S. Nabiyev.Sh.A, Pluto and comets: 1.Does exist a group of comets associated with Pluto? [Kinematika I Fizika Nebesnykh Tel, v. 18, no. 6, p. 525-531](#), Ukraine (12/2002)
- Nabiyev.Sh.A, Guliyev. A.S, Features of the comet family belonging to Pluto. Baku State University- N.Tusi – 800 International Conference. P, 36-37, Baku (2001)
- Nabiyev.Sh.A, Physical features of the long – period comets family belonging to Pluto. Circular Shamakhy Astrophysical Observatory, № 102, p.24-25, Baku (2001)

EDUCATION

- 1999- 2002: PhD, Astrophysics, Shamakhy Astrophysical Observatory, National Academy of Sciences of Azerbaijan
- 1992-1997: Graduate, Astrophysics/Physics, Baku State University
- 1982-1992: Undergraduate, Secondary School.

EXPERIENCE

At present:

- Assistant professor, Deputy Head of Physics Department, Qafqaz University, Physics, Particle Physics (graduate)
- Scientific researcher, Department of Planets and Small Celestial Bodies, Shamakhy Astrophysical Observatory

2004 – 2008: Head of Department, Employers Training Program, Azinka LLC.

- Supervising the research of graduate and undergraduate students and senior high schoolers.
- Laboratory demonstrating, marking and tutoring undergraduate students.
- Lecturing undergraduate and lay audiences on Solar system physics.
- Teaching Astronomy to children and teachers in a museum environment.
- Teaching distance learning courses.
- Giving observatory and museum tours.
- Course writing for a variety off formal and informal audiences.

1998- 2004: Teacher of Physics, science dept. Cag Educational Corporation.

- Supervising students, undergraduate students
- Lecturer/discussion leader
- Laboratory demonstrating, marking and tutoring undergraduate students.

PROFESSIONAL ACTIVITIES

- Volunteer for Saturday Morning Physics and Astrophysics program for high-school students.

PUBLICATIONS

- General Physics – for prospective university students. Baku, 2002

SEMINARS AND CONTRIBUTED CONFERENCE TALKS

- Does a group of comets associated with Pluto exist? “Tusi and Modern Astronomy”, International Conference,. 2001
- Pluto and long – period comets. N.Tusi – 800 International Conferences. Baku 2001
- Comet hazard for Earth. “Cyclicality and cosmological problems” International Symposium. Baku, 2003
- Kuiper Belt as comet sources. N.Tusi – 800 International Conferences. Shamakhy 2001

SKILLS:

- Languages: Speaks and writes Azeri (native), Turkish (high level), Russian (very good), English (intermediate), Arabic (middle).
- Programming knowledge; Skilled in Microsoft Office.

REFERENCES

Ayyub S. Guliyev

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