In The Name of God

Curriculum Vitae

Personal Information

First Name: Fahimeh

Last Name: Habibi

Date of Birth: 21 September 1981,

Address:

Email: f_habibi@birjand.ac.ir, f.habibi9384@gmail.com

Mobile Number:

Education

- ✓ **Ph.D.** in Astronomy and Astrophysics (2015)**,** University of Birjand, Iran.

My grade was 19.27, and the grade of my thesis was A.

The title of my thesis is: "*Time Evolution of accreting Magneto-fluid around a Compact Object- Newtonian Analysis*"

Supervisors:

Prof. Reza Pazhouhesh (University of Birjand)

Prof. Mahboobeh Shaghaghian (University of Shiraz)

- ✓ **M.Sc.** in Nuclear Physics (2006), University of Birjand, Iran.

The title of my thesis is: "*Cross Section Calculation of Subthreshold* K^+ *Meson Production in Proton – Nucleus Collision*"**.**

Supervisor:

Prof. Mohammad Mahdi firozabadi (University of Birjand).

- ✓ **B.Sc.** in Physics (2003), University of Birjand, Iran.

Research area

Theoretical Physics: Fluid mechanics, Plasma physics, High energy astrophysics, Accretion systems (accretion disc), MHD equations, General relativistic, Semi-analytical method (Self-similar method), Cosmology,

Teaching Experiment

- ✓ Basic Physics I & II: *University of Birjand, Azad University of Birjand, Birjand University of Technology, Payam Noor University of Birjand.*
- ✓ Laboratories of Basic physics I & II: *university of Birjand, Birjand University of Technology.*
- ✓ Laboratory of nuclear physics: *University of Birjand.*
- ✓ Nuclear physics: *Payam Noor University.*
- ✓ Earth in space (for Geography): *University of Birjand.*
- ✓ Teaching assistant of undergraduate course: *Electromagnetism I & II, University of Birjand*.
- ✓ Teaching assistant of undergraduate course: *Thermodynamic and Thermal Physics, University of Birjand.*
- ✓ Teaching assistant of undergraduate course: *Analytical Mechanics I & II, University of Birjand.*
- ✓ Teaching assistant of undergraduate course: *Fluid Mechanics: University of Birjand*

Publications:

- ✓ F. Habibi, R. Pazhouhesh, M. Shaghaghian: "*Self-similar Evoloutionary Solutions for an Accriting Magneto-fluid Around a Compact Object with Finite Electrical Conductivity*", Astron. Nachr. (AN). 336, No. 1, 84-90(2014).

- ✓ F. Habibi, M. Shaghaghian, R. Pazhouhesh: "*Time Evolution of Accriting Magneto-fluid Around a Compact Object-Newotonian Analysis*", International Journal of Modern Physics-D, Vol 24. No. 10, 1550077-(1-24) (2015).

- ✓ ترجمه کتاب "the essential cosmic perspective" با عنوان فارسی "مبانی چشم انداز کیهانی"

Recent Talks at meeting and Conferences:

- ✓ Iranian Nuclear Conference, Isfahan University, Isfahan, Iran, 16-17 oct, 2006.

  The paper entitled *"Cross section calculation of K^+ meson in P-A collision"*

- ✓ 4th National Astronomical research meeting, Sistan & Baluchestan University, Zahedan, Iran, 28-29 December, 2010.

  The paper entitled " *Sunyaev–Zeldovich effect study and determination of distant glaxay clusters and calculation of Hubble parameter*" ".

- ✓ 5th National Astronomical research meeting, Damghan university, Damghan, Iran, December, 2011.

  The paper entitled " *Golderish-ward mechanism in formation of planets and unstable conditions in disc*".

- ✓ 6th National Astronomical research meeting, University of Birjand, Birjand, Iran, December, 2012.

  The paper entitled "*Time evolution of accreting magneto-fluid around a compact object*".

- ✓ 7th National Astronomical research meeting, University of kerman, Kerman, Iran, 23-24 January 2014.

The paper entitled "*The effect of electrical conductivity on accreting magneto-fluid around a compact object*"

- ✓ 7th National Astronomical research meeting, University of kerman, Kerman, Iran, 23-24 January 2014.

The paper entitled "*Time dependent self-similar solution for magneto-fluid around a compact object"*

- ✓ 9th National Astronomical research meeting, Sistan & Baluchestan University, Zahedan, Iran, 23-24 January 2015.

The paper entitled *"Equilibrium Structure for a magneto-fluid around compact objects"*

- ✓ 11th National Astronomical research meeting, University, Zahedan, Iran, 23-24 January 2018.

The paper entitled *"Time dependent advection dominated accretion flow around a rotating compact object"*

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