

Curriculum Vitae

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Marital Status: Married, One Daughter & One Boy

Education and Career Experience

1983-1987 **High School Diploma in Mathematics and Physics**

Ferdowsi High School, Mashhad, Iran

1987-1992 **B.Sc. in Applied Physics**

Department of Physics, Ferdowsi University of Mashhad,
Mashhad, Iran

1993-1996 **M.Sc. in Physics**

Department of Physics, Shahid Bahonar University of
Kerman, Kerman, Iran

1996-2003 **Instructor**

Department of Physics, Sistan and Baluchestan University,
Zahedan, Iran

2002-2003 **Head of Physics Department**

Department of Physics, Sistan and Baluchestan University,
Zahedan, Iran

- 2003-2007 Ph.D in Observational Cosmology**
 Institut d'Astrophysique de Paris, UMR7095 CNRS, Pierre & Marie Curie University (Paris 6), Paris, France
- 2007-Now Assistan Professor**
 Department of Physics, Sistan and Baluchestan University, Zahedan, Iran
- 2007-Now Part time Researcher**
 School of Astronomy, Institute for Research in Fundamental Sciences (IPM) Tehran, Iran
- 2007-Now External Collaborator**
 Institut d'Astrophysique de Paris, UMR7095 CNRS, Pierre & Marie Curie University (Paris 6), Paris, France
- 2012-Now Head of Physics Depatrment**
 Department of Physics, Sistan and Baluchestan University, Zahedan, Iran

Journal and Conference Papers

- A. Aghaee, M.T. Edalati, *Calculating of Mass Ratio of Binary Systems and its Impression on Stars Evolution*. 1995, Proceeding of the Student Meeting of the Iranian Society of Physics, p. 16
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- A. Aghaee, P. Petitjean, C.S. Stalin, R. Guimarães, B. Aracil, *The mean absorption due to the Ly α forest in the spectra of high redshift highly luminous quasars*. 2006, Proceedings of the Annual Meeting of the French Society of Astronomy and Astrophysics, p. 315
- A. Aghaee, P. Petitjean, B. Aracil, F. Coppolani, T. Theuns, *The redshift evolution of the Ly α forest at $2.2 < z < 3.5$* . 2006, Proceedings of the Annual Physics Conference of Iran, p. 312
- R. Guimarães, P. Petitjean, E. Rollinde, R.R. de Carvalho, S.G. Djorgovski, R. Srikanand, A. Aghaee, S. Castro, *Evidence for overdensity around $z_{em} > 4$ quasars from the proximity effect*. 2007, MNRAS, 377, p. 657

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- A. Aghaee, P. Petitjean, R. Srianand, C.S. Stalin, R. Guimarães, *Absorption of the light of quasars due to inter-galactic neutral Hydrogen, Applying different methods of determining quasar continuum*. 2007, Proceedings of the Annual Physics Conference of Iran, p. 31
- A. Aghaee, P. Petitjean, R. Srianand, C.S. Stalin, *Determination of the quasar continuum for high redshift highly luminous quasars*. 2008, Proceedings of the XXIVth IAP Conference, Paris France
- A. Aghaee, P. Petitjean, R. Srianand, C.S. Stalin, *Verifying intra-night optical variability of radio quiet quasar J020137.77+002535.1*. 2008, Proceedings of the Annual Physics Conference of Iran
- A. Aghaee, *Verifying intra-night optical variability of radio quiet quasars*. 2008, Proceedings of the National Conference on Gravitation and Cosmology of Iran, p. 1
- A. Aghaee, *Quasars and their variabilities*. 2009, Proceedings of the 13th meeting on Research Astronomy of Iran, p. 11
- A. Aghaee, *Radio Quiet Quasars and their Variabilities*. 2009, Accepted by the National Conference on Astronomy, Astrophysics and Cosmology, Shiraz, Iran
- A. Aghaee, *Multiband Optical Monitoring of Blazars*. 2009, Proceedings of the International Conference on Astrophysics, Maragha, Iran, P. 27
- A. Aghaee, P. Petitjean, R. Guimaraes, *The continuum of quasars in the Lyman-alpha forest*. 2009, Proceedings of the XXVth IAP Conference, Paris, France
- R. Guimaraes, P. Petitjean, A. Aghaee, *Damped and sub-damped Lyman-alpha absorbers in $z > 4$ quasars*. 2009, Proceedings of the XXVth IAP Conference, Paris, France
- R. Guimaraes, P. Petitjean, R. R. de Carvalho, S.G. Djorgovski, P. Noterdaeme, S. Castro, P. C. Da R. Poppe, A. Aghaee, *Damped and sub-damped Lyman-alpha absorbers in $z > 4$ quasars*. 2009, Astronomy & Astrophysics, 508, P. 133
- A. Aghaee, R. Guimaraes, P. Petitjean, *Cosmological evolution of the neutral gas mass density using quasar spectra*. 2010, Proceedings of the National Conference on Gravitation and Cosmology, Tehran, Iran, P. 1
- A. Aghaee, R. Srianand, P. Petitjean, *Probing the Time Variability of*

Broad Absorption Line Systems. 2010, Proceedings of the 14th Meeting on Research Astronomy of Iran, Zanjan, Iran, P. 5

- A. Aghaee, P. Petitjean, R. Srianand, *Mean neutral hydrogen absorption of the Inter Galactic Medium*. 2010, Proceedings of the 17th Spring Physics Conference, Tehran, Iran

- A. Aghaee, P. Petitjean, R. Srianand, C. S. Stalin, R. Guimaraes, *Determination of the mean H I absorption of the Inter Galactic Medium*. 2010, Journal of Astrophysics and Astronomy, 31, P. 59

- A. Aghaee, C. S. Stalin, P. Petitjean, N. Sohrabkhani, M. Sabzi Sarvestani, *Intranight Variability of Blazar Mrk180*. 2010, Proceedings of the Monitoring Variabel X-ray Sources, Tokyo, Japan

- A. Aghaee, *Probing the time variability of bright quasars*. 2010, Mid-Sized Telescopes: Science and Instrumentation, Kish Island, Iran

- S. M. Barakati, A. Aghaee, *Neural Networks Application on Estimation of Quasar Continuum in the Lyman-alpha Forest*. 2010, Proceedings of the 4th National Conference on Astronomy and Astrphysics, Zahedan, Iran, P. 28

- A. Aghaee, R. Srianand, N. Erfanian, *Investigating of the time variability of broad absorption lines of the quasar J0935+4954*. 2010, Proceedings of the 4th National Conference on Astronomy and Astrphysics, Zahedan, Iran, P. 8

- M. Shahsavari, A. Aghaee, *Cosmic Gamma-ray Bursts*. 2010, Proceedings of the 4th National Conference on Astronomy and Astrphysics, Zahedan, Iran, P. 123

- M. Sabzi Sarvestani, A. Aghaee, *Data reduction of the multiband optical images of the blazer Mrk 180*. 2010, Proceedings of the 4th National Conference on Astronomy and Astrphysics, Zahedan, Iran, P. 118

- M. Khademi, A. Aghaee, *Verifying the optical micro-variability of radio quiet quasars*. 2010, Proceedings of the 4th National Conference on Astronomy and Astrphysics, Zahedan, Iran, P. 72

- A. Tavakoli, M. Rashidi-Huyeh, A. Aghaee, *Carving and Characterization of a Mirror for Reflecting Telescope*. 2010, Proceedings of the 4th National Conference on Astronomy and Astrphysics, Zahedan, Iran, P. 51

- M. Sabzi Sarvestani, A. Aghaee, *Investigating of the light curve of Mrk 180 on April 24, 2009*. 2011, Proceedings of the 15th Meeting on Research Astronomy of Iran, Zanjan, Iran

- A. Aghaee, A. Naeimi, S. M. Barakati, *Comparison of the estimation of quasar continuum in the Lyman-alpha forest using MLP & RBF neural*

networks. 2011, Proceedings of the 15th Meeting on Research Astronomy of Iran, Zanjan, Iran

- M. Sabzi Sarvestani, A. Aghaee, *Investigation of Intra-night Color Index Variability of Blazar Mrk 180*. 2011, Proceedings of the Annual Physics Conference of Iran, Urmia, Iran, P. 572

- T. Ebrahimi Meymand, A. Aghaee, *The Spectral Data Reduction of Low Ionization Broad Absorption Line Quasar J0840+3633*. 2011, Proceedings of the Annual Physics Conference of Iran, Urmia, Iran, P. 1401

- M. Sabzi Sarvestani, A. Aghaee, *Analysis of the multiband optical images of the blazar Mrk 180*. 2011, Proceedings of the 5th National Conference on Astronomy and Astrophysics, Damghan, Iran, P. 91

- S. Rezaee Darestani, A. Zandi Sarab Sooreh, F. Jafari, L. Dadbood, A. Aghaee, R. Srianand, *Observation and spectral data reduction of broad absorption line quasar SDSS2347-1037*. 2011, Proceedings of the 5th National Conference on Astronomy and Astrophysics, Damghan, Iran, P. 311

- M. Khademi, A. Aghaee, *Verifying the optical micro-variability and light curve analyzing of radio quiet quasars*. 2011, Proceedings of the 5th National Conference on Astronomy and Astrophysics, Damghan, Iran, P. 190

- A. Aghaee, Z. Kiamehr, E. Paris, P. Petitjean, *Predicting QSO continuum of SDSS-DR7 high luminous QSOs at $z \sim 3$ in the Ly α forest*. 2011, Proceedings of the 5th National Conference on Astronomy and Astrophysics, Damghan, Iran, P. 307

- A. Aghaee, T. Ebrahimi, R. Srianand, P. Petitjean, *Reporting of variation in the broad absorption line of quasar J0840+3633*. 2012, Proceedings of the National Conference on Gravitation and Cosmology, Tehran, Iran

- Z. Kiamehr, A. Aghaee, I. Paris, P. Petitjean, *Predicting of quasar continuum in order to determine the chemical abundances at high redshift Universe*. 2012, Proceedings of the 5th Conference & Workshop on Mathematical Chemistry, Yazd, Iran

- F. Jafari, A. Aghaee, S. M. Barakati, *Comparison of the different algorithms of training neural network in estimating the different classes of quasar continuum*. 2012, Proceedings of the 16th Meeting on Research Astronomy of Iran, Zanjan, Iran

- Z. Kiyamehr, A. Aghaee, *Determination of SDSS-DR7 quasar continuum at $2.7 < z < 4.7$ and $M_B < -28$* . 2012, Proceedings of the 16th Meeting on Research Astronomy of Iran, Zanjan, Iran

- N. Erfanian, A. Aghaee, R. Srianand, *Investigating the optical depth variations of Lyman-alpha clouds at $1.6 < z < 3.3$* . 2012, Proceedings of the

19th Spring Physics Conference, Tehran, Iran