

Rizwan Khalid

Assistant Professor

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About

Dr. Rizwan Khalid is working as Assistant Professor in the School of Electrical Engineering and Computer Science. Dr. Rizwan Khalid has a PhD in High Energy Theory. Dr. Rizwan Khalid has published 12 research articles & conference papers having a citation count of 224, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in High Energy Theory University of Delaware , Pakistan	2006 - 2011
MSc in Physics Quaid-i-Azam University , Pakistan	2003 - 2005
BS in Electronic Engineering Ghulam Ishaq Khan Institute of Science & Technology , Pakistan	1999 - 2003
F.Sc in Pre-Engineering FBISE, Islamabad , Pakistan	1997 - 1999
Matric (SSC) in Science FBISE, Islamabad , Pakistan	1995 - 1997

Experience

Assistant Professor School of Electrical Engineering and Computer Science	2020- Present
Assistant Professor School of Electrical Engineering and Computer Science	2019 - 2020
Assistant Professor School of Natural Sciences	2017 - 2019
Assistant Professor School of Natural Sciences	2016 - 2017
Assistant Professor School of Natural Sciences	2015 - 2016
Assistant Professor School of Natural Sciences	2012 - 2015
Assistant Professor School of Natural Sciences	2011 - 2012
Lecturer School of Natural Sciences	2005 - 2011
	- Present

Professional Memberships

PEC

Research Articles

<p>Yukawa unification with light supersymmetric particles consistent with LHC constraints</p> <p><i>Mureed Hussain Rizwan Khalid</i> <i>Nuclear Physics B</i>, Volume 942, Pages 30-44</p> <p>Impact Factor: 2.817 Quartile: 2 Citations: 2</p> <p>DOI: 10.1016/j.nuclphysb.2019.03.007</p>	2019
<p>Understanding the muon anomalous magnetic moment in light of a flavor symmetry-based Minimal Supersymmetric Standard Model</p> <p><i>Mureed Hussain Rizwan Khalid</i> <i>Progress of Theoretical and Experimental Physics</i>, Issue 8, Article Number 083B06</p> <p>Impact Factor: 2.022 Quartile: 2 Citations: 5</p> <p>DOI: 10.1093/ptep/pty087</p>	2018
<p>3.5 keV X-ray line and R-Parity Conserving Supersymmetry</p> <p><i>Bhaskar Dutta Ilia Gogoladze Rizwan Khalid Qaisar Shafi</i> <i>Journal of High Energy Physics</i>, Issue 11, Article Number 018</p> <p>Impact Factor: 6.111 Quartile: 1 Citations: 12</p> <p>DOI: 10.1007/JHEP11(2014)018</p>	2014
<p>Top Quark and Higgs Boson Masses in Supersymmetric Models</p> <p><i>Ilia Gogoladze Rizwan Khalid Shabbar Raza Qaisar Shafi</i> <i>Journal of High Energy Physics</i>, Issue: 4 Article Number: 109</p> <p>Impact Factor: 6.111 Quartile: 1 Citations: 7</p> <p>DOI: 10.1007/JHEP04(2014)109</p>	2014
<p>Higgs and sparticle spectroscopy with Gauge-Yukawa unification</p> <p><i>Ilia Gogoladze Rizwan Khalid Shabbar Raza Qaisar Shafi</i> <i>Journal of High Energy Physics</i>, Issue 6, Article Number 117</p> <p>Impact Factor: 5.831 Quartile: 1 Citations: 39</p> <p>DOI: 10.1007/JHEP06(2011)117</p>	2011
<p>Direct and Indirect Detection and LHC Signals of Bino-Higgsino Dark Matter</p> <p><i>Ilia Gogoladze Rizwan Khalid Yukihiro Mimura Qaisar Shafi</i> <i>PHYSICAL REVIEW D</i>, Volume 83 Issue 9, Article Number 095007</p> <p>Impact Factor: 4.558 Quartile: 1 Citations: 15</p> <p>DOI: 10.1103/PhysRevD.83.095007</p>	2011
<p>NEUTRALINO DARK MATTER IN FLIPPED SU(5)</p> <p><i>Ilia Gogoladze Rizwan Khalid Shabbar Raza Qaisar Shafi</i> <i>Modern Physics Letters A</i>, Volume 25, Issue 40, Pages 3371-3379</p> <p>Impact Factor: 0.99 Quartile: 3 Citations: 6</p> <p>DOI: 10.1142/S0217732310034602</p>	2010
<p>t-b-tau Yukawa unification for $\mu < 0$ with a sub-TeV sparticle spectrum</p> <p><i>Ilia Gogoladze Rizwan Khalid Shabbar Raza Qaisar Shafi</i> <i>Journal of High Energy Physics</i>, Issue: 12 Article Number: 055</p> <p>Impact Factor: 6.049 Quartile: 1</p> <p>DOI: 10.1007/JHEP12(2010)055</p>	2010
<p>Coannihilation Scenarios and Particle Spectroscopy in $SU(4)_c \times SU(2)_L \times SU(2)_R$</p> <p><i>Ilia Gogoladze Rizwan Khalid Qaisar Shafi</i> <i>PHYSICAL REVIEW D</i>, Volume 80, Issue 9, Article Number 095016</p> <p>Impact Factor: 4.922 Quartile: 3 Citations: 42</p> <p>DOI: 10.1103/PhysRevD.80.095016</p>	2009
<p>Yukawa Unification and Neutralino Dark Matter in $SU(4)_c \times SU(2)_L \times SU(2)_R$</p> <p><i>Ilia Gogoladze Rizwan Khalid Qaisar Shafi</i> <i>PHYSICAL REVIEW D</i>, Volume 79, Issue 11, Article Number 115004</p> <p>Impact Factor: 4.922 Quartile: 1 Citations: 72</p> <p>DOI: 10.1103/PhysRevD.79.115004</p>	2009
<p>Soft Probes of SU(5) Unification</p> <p><i>Ilia Gogoladze Rizwan Khalid Nobuchika Okada Qaisar Shafi</i> <i>PHYSICAL REVIEW D</i>, Volume 79, Issue 9, Article Number 095022</p> <p>Impact Factor: 4.922 Quartile: 1</p>	2009

Constrained minimal supersymmetric standard model spectroscopy in light of PAMELA and ATIC observations

2009

Ilia Gogoladze Rizwan Khalid Qaisar Shafi Hasan Yuksel

PHYSICAL REVIEW D, Volume 79, Issue 5, Article Number 055019

Impact Factor: 4.922 | **Quartile:** 1 | **Citations:** 24

DOI: 10.1103/PhysRevD.79.055019