

Faisal Munir Bhutta

Assistant Professor

School of Natural Sciences

Email: faisal.munir@sns.nust.edu.pk

Contact:



About

Dr. Faisal Munir Bhutta is working as Assistant Professor in the School of Natural Sciences. Dr. Faisal Munir Bhutta has a PhD in Theoretical Particle Physics. Dr. Faisal Munir Bhutta has published 11 research articles & conference papers having a citation count of 41, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Theoretical Particle Physics University of the Chinese Academy of Sciences , China	2014 - 2018
MPhil in High Energy Physics Quaid-i-Azam University , Pakistan	2009 - 2012
MSc in High Energy Physics University of the Punjab , Pakistan	2006 - 2008
BSc in Physics and Math University of the Punjab , Pakistan	2004 - 2006

Experience

Assistant Professor School of Natural Sciences	2022- Present
Visiting Faculty International Islamic University , International Islamic University, Islamabad	2021 - 2022
Post doctoral Fellow Beijing University of Technology , Beijing University of Technology, Beijing	2018 - 2022

- Reinvestigating the semileptonic $B \rightarrow d (\pi) \tau \nu \bar{\tau}$ decays in the model independent scenarios and leptoquark models** 2025
 Zhuo-Ran Huang Faisal Munir Nimra Farooq Muhammad Ali Paracha Ying Li
Physical Review D, Volume:111, Issue:11, Article Number 115035
Impact Factor: 5.300 | **Quartile:** 1
DOI: <https://doi.org/10.1103/PhysRevD.111.115035>
- Angular observables of the four-fold $B \rightarrow K1 (1270,1400) (\rightarrow VP) \ell^+ \ell^-$ decays in and beyond the Standard Model** 2025
 Faisal Munir Abdur Rehman M. Jamil Aslam Ishtiaq Ahmed Saadi Ishaq
Physical Review D, Volume:111, Issue:9, Article Number 095011
Impact Factor: 5.3 | **Quartile:** 1
DOI: <https://doi.org/10.1103/PhysRevD.111.095011>
- Effects of family non-universal Z' model in angular observables of $B \rightarrow \rho, a1 \mu^+ \mu^-$ decays** 2024
 Nimra Farooq Marwah Zaki Muhammad Ali Paracha Faisal Munir Bhutta
Chinese Physics C, Volume 48, Number 10, Article Number 103107
Impact Factor: 3.600 | **Quartile:** 1 | **Citations:** 1
DOI: [10.1088/1674-1137/ad5e65](https://doi.org/10.1088/1674-1137/ad5e65)
- Footprints of New Physics in the angular distribution of $B_c \rightarrow D s^* (\rightarrow D s \gamma, (D s \pi)) l^+ l^-$ decays** 2023
 Marwah Zaki Muhammad Ali Paracha Faisal Munir Bhutta
Nuclear Physics B, Volume 992, Article Number: 116236
Impact Factor: 3.045 | **Quartile:** 2 | **Citations:** 7
DOI: [10.1016/j.nuclphysb.2023.116236](https://doi.org/10.1016/j.nuclphysb.2023.116236)
- New physics in $b \rightarrow s \ell \ell$ anomalies and its implications for the complementary neutral current decays** 2022
 Muhammad Ali Paracha Faisal Munir Bhutta Zhuoran Huang Cai Dian Lu Wenyu Wang
Nuclear Physics B, Volume 979, Article Number 115763
Impact Factor: 3.045 | **Quartile:** 2 | **Citations:** 12
DOI: <https://doi.org/10.1016/j.nuclphysb.2022.115763>
- New physics search in the doubly weak decay $B0 \rightarrow K^+ \pi^- \pi^0$** 2019
 Faisal Munir Bhutta Ying Li Cai Dian Lu Yue-Hong Xie
Chinese Physics C, Volume 43, Issue 7, Article Number 073102
Impact Factor: 2.463 | **Quartile:** 2
DOI: <https://doi.org/10.1088/1674-1137/43/7/073102>
- The $\Lambda_b - \Lambda \bar{d} \pi^+ \pi^- p \mu^+ \mu^-$ decay in the RSc model** 2018
 Aqsa Nasrullah Faisal Munir Bhutta Muhammad Jamil Aslam
Journal of Physics G: Nuclear and Particle Physics, Volume 45, Issue 9, Article Number 095007
Impact Factor: 3.534 | **Quartile:** 2 | **Citations:** 4
DOI: <https://doi.org/10.1088/1361-6471/aad53a>
- $B \rightarrow \text{ssd}$ decay in Randall-Sundrum models** 2017
 Cai-Dian Lu FAISAL MUNIR BHUTTA Qin Qin
Chinese Physics C, Volume 41, Issue 5, Article Number 053106
Impact Factor: 3.298 | **Quartile:** 2 | **Citations:** 4
DOI: <https://doi.org/10.1088/1674-1137/41/5/053106>
- Polarized forward-backward asymmetries of the lepton pair in $B \rightarrow K1 \ell^+ \ell^-$ decay in the presence of the new physics** 2016
 Faisal Munir Bhutta Saadi Ishaq Ishtiaq Ahmed
Progress of Theoretical and Experimental Physics, Volume 2016, Issue 1, Article Number 013B02
Impact Factor: 2.039 | **Quartile:** 2 | **Citations:** 5
DOI: <https://doi.org/10.1093/ptep/ptv174>
- Lepton polarization asymmetries in $B \rightarrow K1 \ell^+ \ell^-$ decay as a searching tool for new physics** 2013
 Saadi Ishaq Faisal Munir Bhutta Ishtiaq Ahmed
Journal of High Energy Physics, Volume 6, Article Number 6
Impact Factor: 6.220 | **Quartile:** 1 | **Citations:** 8
DOI: [10.1007/JHEP07\(2013\)006](https://doi.org/10.1007/JHEP07(2013)006)

Search For New Physics Signals Via Doubly Weak B Decays

2019

Faisal Munir CAI DIAN LU

54th Rencontres de Moriond on QCD and High Energy Interactions (Moriond QCD 2019), res.country(109,)

Citations: N/A

DOI: Nil