

Asst. Prof. Gaber FAISEL

Personal Information

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Education Information

Post Doctorate, National Taiwan, Science, Physic, Taiwan 2013 - 2016

Post Doctorate, National Central, Science, Physic, Taiwan 2010 - 2013

Doctorate, Science, Physic, Egypt 2005 - 2009

Post Graduate, Science, Physic, Egypt 2002 - 2005

Under Graduate, Science, Physic, Egypt 1992 - 1996

Foreign Languages

English, C1 Advanced

Arabic, C1 Advanced

Research Areas

Physics, Basic Particles and Areas, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Suleyman Demirel University, Fen Edebiyat Fakültesi, Fizik, 2016 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Exploring new physics contributions to CP violation in $\tau(-) \rightarrow K- \pi(0)\nu(\tau)$**
Delepine D., FAISEL G., Ramirez C. A.
EUROPEAN PHYSICAL JOURNAL C, vol.81, no.4, 2021 (Journal Indexed in SCI)
- II. **Exploring charm decays with missing energy in leptoquark models**
FAISEL G., Su J., Tandean J.
JOURNAL OF HIGH ENERGY PHYSICS, no.4, 2021 (Journal Indexed in SCI)
- III. **Further Studies of the Supersymmetric NJL-Type Model for a Real Superfield Composite**
Cheng Y., Dai Y., FAISEL G., Kong O. C. W.
SYMMETRY-BASEL, vol.12, no.11, 2020 (Journal Indexed in SCI)
- IV. **Direct CP violation in $D^+ \rightarrow K-0((K)\overline{0})\pi(+)$ decays as a probe for new physics**
Delepine D., FAISEL G., Ramirez C. A.
EUROPEAN PHYSICAL JOURNAL C, vol.80, no.7, 2020 (Journal Indexed in SCI)
- V. **Supersymmetric NJL-Type Model for a Real Superfield Composite**
Cheng Y., Dai Y., FAISEL G., Kong O. C. W.
SYMMETRY-BASEL, vol.11, no.12, 2019 (Journal Indexed in SCI)
- VI. **New physics signature in $D-0((D)\overline{0}) \rightarrow f$ effective width asymmetries**

- Delepine D., FAISEL G., Ramirez C. A.
EUROPEAN PHYSICAL JOURNAL C, vol.79, no.7, 2019 (Journal Indexed in SCI)
- VII. **Rare nonleptonic $(B)\overline{(S)}(0)$ decays as probes of new physics behind $b \rightarrow s \mu(\mu)\overline{(b)}$ anomalies**
FAISEL G., Tandean J.
PHYSICAL REVIEW D, vol.99, no.7, 2019 (Journal Indexed in SCI)
- VIII. **Connecting $b \rightarrow s l(l)\overline{(b)}$ anomalies to enhanced rare nonleptonic $(B)\overline{(s)}(0)$ decays in Z' model**
FAISEL G., Tandean J.
JOURNAL OF HIGH ENERGY PHYSICS, no.2, 2018 (Journal Indexed in SCI)
- IX. **CP violation in $D-0 \rightarrow K^+ \pi(-)$**
DELEPINE D., FAISEL G., RAMIREZ C. A.
PHYSICAL REVIEW D, vol.96, no.11, 2017 (Journal Indexed in SCI)
- X. **New physics contributions to $(B)\overline{(b)} \rightarrow \pi(0)(\rho(0)) \eta(\prime)$ decays**
FAISEL G.
EUROPEAN PHYSICAL JOURNAL C, vol.77, no.6, 2017 (Journal Indexed in SCI)
- XI. **Exploring high-mass diphoton resonance without new colored states**
AHRICHE A., Faisel G., Nasri S., TANDEAN J.
NUCLEAR PHYSICS B, vol.916, pp.64-93, 2017 (Journal Indexed in SCI)
- XII. **New physics effects in $D^+ \rightarrow K^- \pi(+)$**
DELEPINE D., Faisel G., RAMIREZ C. A.
JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS, vol.42, no.10, 2015 (Journal Indexed in SCI)
- XIII. **Effects of two inert scalar doublets on Higgs boson interactions and the electroweak phase transition**
AHRICHE A., Faisel G., Ho S., Nasri S., TANDEAN J.
PHYSICAL REVIEW D, vol.92, no.3, 2015 (Journal Indexed in SCI)
- XIV. **Exploring X-ray lines as scotogenic signals**
Faisel G., HO S., TANDEAN J.
PHYSICS LETTERS B, vol.738, pp.380-385, 2014 (Journal Indexed in SCI)
- XV. **Charged Higgs contribution to $(B)\overline{(b)} \rightarrow \phi \pi(0)$ and $(B)\overline{(b)} \rightarrow \phi \rho(0)$**
Faisel G.
PHYSICS LETTERS B, vol.731, pp.279-286, 2014 (Journal Indexed in SCI)
- XVI. **Constraining nonstandard neutrino-electron interactions due to a new light spin-1 boson**
CHIANG C., Faisel G., LIN Y., TANDEAN J.
JOURNAL OF HIGH ENERGY PHYSICS, no.10, 2013 (Journal Indexed in SCI)
- XVII. **Majorana versus Dirac mass from holomorphic supersymmetric Nambu-Jona-Lasinio model**
DAI Y., Faisel G., JUNG D., KONG O. C. W.
PHYSICAL REVIEW D, vol.87, no.8, 2013 (Journal Indexed in SCI)
- XVIII. **Observation of CP violation in $D-0 \rightarrow K-\pi(+)$ as a smoking gun for new physics**
DELEPINE D., Faisel G., RAMIREZ C. A.
PHYSICAL REVIEW D, vol.87, no.7, 2013 (Journal Indexed in SCI)
- XIX. **Supersymmetric contributions to $(B)\overline{(b)} \rightarrow \phi \pi(0)$ and $(B)\overline{(b)} \rightarrow \phi \rho(0)$ decays in SCET**
Faisel G.
JOURNAL OF HIGH ENERGY PHYSICS, no.8, 2012 (Journal Indexed in SCI)
- XX. **Dynamical symmetry breaking with four-superfield interactions**
Faisel G., JUNG D., KONG O. C. W.
JOURNAL OF HIGH ENERGY PHYSICS, no.1, 2012 (Journal Indexed in SCI)
- XXI. **Supersymmetric contribution to $B \rightarrow \rho K$ and $B \rightarrow \pi K^*$ decays in SCET**
Faisel G., DELEPINE D., SHALABY M.
PHYSICS LETTERS B, vol.705, no.4, pp.361-368, 2011 (Journal Indexed in SCI)

- XXII. **Axigluon on like-sign charge asymmetry $A(\text{sl})(b)$, FCNCs and CP asymmetries in B decays**
 CHEN C., Faisel G.
 PHYSICS LETTERS B, vol.696, no.5, pp.487-494, 2011 (Journal Indexed in SCI)
- XXIII. **Supersymmetric R parity violation and CP asymmetry in semileptonic tau decays**
 DELEPINE D., Faisel G., KHALIL S.
 PHYSICAL REVIEW D, vol.77, no.1, 2008 (Journal Indexed in SCI)
- XXIV. **Supersymmetric contributions to CP asymmetry in tau-decays**
 DELEPINE D., Faisel G., KHALIL S., SHALABY M.
 INTERNATIONAL JOURNAL OF MODERN PHYSICS A, vol.22, no.31, pp.6011-6021, 2007 (Journal Indexed in SCI)
- XXV. **Supersymmetry and CP violation in vertical bar ΔS vertical bar=1 tau decays**
 DELEPINE D., Faisel G., KHALIL S., CASTRO G. L.
 PHYSICAL REVIEW D, vol.74, no.5, 2006 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **New Physics contribution to $B \rightarrow \rho K, \pi K^*$ decays**
 DELEPINE D., Faisel G., SHALABY M.
 13 Mexican Workshop on Particles and Fields (MWPF), Leon, Mexico, 20 - 26 October 2011, vol.378
- II. **The process $D^{+/-} \rightarrow K^{-/+} \pi^{+/-} \pi^{+/-}$**
 DELEPINE D., Faisel G., RAMIREZ C. A.
 13 Mexican Workshop on Particles and Fields (MWPF), Leon, Mexico, 20 - 26 October 2011, vol.378

Citations

Total Citations (WOS):114

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