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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, Fizik Bölümü, Turkey 1997 - 2003

Postgraduate, Eskisehir Osmangazi University, Fen-Edebiyat Fakültesi, Fizik Bölümü, Turkey 1994 - 1996

Undergraduate, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, Fizik Bölümü, Turkey 1987 - 1993

Academic Titles / Tasks

Assistant Professor, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, FİZİK, 2008 - Continues

Lecturer PhD, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, FİZİK, 2005 - 2008

Supervised Theses

KIRCA Z., Polarization studies on CLIC (compact linear collider) beam delivery system, Doctorate, A.Uşun(Student), 2018

KIRCA Z., Light stop and fine-tuning in susy models, Postgraduate, A.Çiçi(Student), 2017

KIRCA Z., Büyük hadron-elektron çarpıştırıcısı algıcında radyasyon seviyesi benzetişimi, Postgraduate, A.Nayaz(Student), 2017

KIRCA Z., Associated production of heavy W boson, heavy top quark and bottom quark in the littlest Higgs model at high energy linear electron-positron colliders, Postgraduate, Z.Altın(Student), 2016

KIRCA Z., Production of bileptons at electron-positron colliders, Postgraduate, H.Gülsün(Student), 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Stop search in SUSY SO(10) GUTs with nonuniversal Gaugino masses**
Altın Z., KIRCA Z., Tanimak T., Salih Un C. S.
EUROPEAN PHYSICAL JOURNAL C, vol.80, no.9, 2020 (SCI-Expanded)
- II. **The impact of crystal length on calorimeter energy resolution**
Saad A., Koçak F., Kirca Z.
AIP Conference Proceedings, vol.2178, no.30045, 2019 (SCI-Expanded)
- III. **Light stops and fine-tuning in MSSM**
Cici A., KIRCA Z., ÜN C. S.
EUROPEAN PHYSICAL JOURNAL C, vol.78, no.1, 2018 (SCI-Expanded)

IV. **Muon anomalous magnetic moment constraints on supersymmetric $U(1)_{D'}$ models**

Cincioglu E., Kirca Z., Sert H., Solmaz S., SOLMAZ L., Hicyilmaz Y.

Physical Review D - Particles, Fields, Gravitation and Cosmology, vol.82, no.5, 2010 (SCI-Expanded)

Papers Published in Refereed Scientific Meetings

- I. **Associated Production of Charged Higgs Boson and Heavy Top Quark in the Left Right Twin Higgs Model at High Energy Electron Positron Collider**
KIRCA Z., ÜN C. S., Altın Z.
10 th Jubilee International Conference of the Balkan Physical Union, 26 - 30 August 2018
- II. **Associated Production of Charged Higgs Boson and Heavy Top Quark in the Left-Right Twin Higgs Model at High Energy $e(-)e(+)$ Collider**
KIRCA Z., ÜN C. S., Altın Z.
10th Jubilee Conference of the Balkan-Physical-Union (BPU), Sofija, Bulgaria, 26 - 30 August 2018, vol.2075
- III. **Production of Scalar and Vector Bileptons in Polarized Electron Gamma and Gamma Gamma Colliders**
KIRCA Z.
Turkish Physical Society 32nd International Physics Congress, 6 - 09 September 2016
- IV. **Prohibing the Littlest Higgs Model in $e-e--WHTb$ Process**
Altın Z., KIRCA Z., ÜN C. S.
Turkish Physical Society 32nd International Physics Congress, 6 - 09 September 2016
- V. **Stop Search with Acceptible Fine-tuning in SUSY Models**
Çiçi A., ÜN C. S., KIRCA Z.
Turkish Physical Society 32nd International Physics Congress, 6 - 09 September 2016
- VI. **Stop Search With Acceptable Fine-Tuning in Susy Models**
Cici A., ÜN C. S., KIRCA Z.
32nd International Physics Congress of Turkish-Physical-Society (TPS), Bodrum, Turkey, 6 - 09 September 2016, vol.1815
- VII. **Production of Scalar and Vector Bileptons in Polarized $e(-)$ gamma and gamma gamma Colliders**
KIRCA Z.
32nd International Physics Congress of Turkish-Physical-Society (TPS), Bodrum, Turkey, 6 - 09 September 2016, vol.1815
- VIII. **Probing The Littlest Higgs Model in $e(-) e(+)$ \rightarrow $W-H(+)$ $(T)\overline{b}$ Process**
Altın Z., KIRCA Z., ÜN C. S.
32nd International Physics Congress of Turkish-Physical-Society (TPS), Bodrum, Turkey, 6 - 09 September 2016, vol.1815
- IX. **Light Higgs Bosons and Muon $g-2$ in THDM**
Nis B., CiCi A., ÜN C. S., KIRCA Z.
32nd International Physics Congress of Turkish-Physical-Society (TPS), Bodrum, Turkey, 6 - 09 September 2016, vol.1815
- X. **Associated Production of Heavy W Boson Heavy Top Quark and Bottom Quarks in the Littlest Higgs Model At High Energy Linear $e e$ Collider**
Altın Z., KIRCA Z., ÜN C. S.
Turkish Physical Society 32nd International Physics Congress, 6 - 09 September 2016
- XI. **Higgs Boson Decays into Two Photons and Four Leptons in THDM**
Niş B., Çiçi A., KIRCA Z., ÜN C. S.
Turkish Physical Society 32nd International Physics Congress, 6 - 09 September 2016
- XII. **Production of Heavy Top Quark Associated with Charged Higgs Boson in the Left Right Twin Higgs Model**
Yıldız B., Altın Z., KIRCA Z., ÜN C. S.

Turkish Physical Society 32nd International Physics Congress, 6 - 09 September 2016

XIII. Littlest Higgs Model in High Energy Linear Electron Positron Colliders: Production of Heavy W boson and Heavy Top Quark

Altın Z., ÜN C. S., KIRCA Z.

VIII. International Workshop on Nuclear Structure Properties, 7 - 10 September 2015

XIV. Muon Anomaly Constraints on U(1)' Models

Cincioglu E., KIRCA Z., Sert H., Solmaz S., SOLMAZ L., HIÇYILMAZ Y.

ISSCSMB-2010 Standard Model and Beyond-International Summer School and Conference on High Energy physics, 29 August - 04 September 2010

XV. Production of Bileptons at Electron Electron Colliders

ÇAKIR O., KIRCA Z., TÜRK ÇAKIR İ.

World Year of Physics 2005 Turkish Physical Society 23rd International Physics Congress, 13 - 16 September 2005

XVI. CLIC Temelinde Elektron Foton Çarpıştırıcılarında Uyarılmış Nötrininin Tek Üretimi

KIRCA Z.

TFD-22 Türk Fizik Derneği 22. Fizik Kongresi, 14 - 17 September 2004

XVII. Single Production of Excited Neutrino at Electron Gamma Colliders

KIRCA Z.

BPU-5:Fifth General Conference of the Balkan Physical Union, 25 - 29 August 2003

XVIII. Uyarılmış Elektronların Elektron Foton Çarpıştırıcılarında İncelenmesi

ÇAKIR O., KIRCA Z.

TFD-21 Türk Fizik Derneği 21. Fizik Kongresi, Turkey, 11 - 14 September 2002

XIX. Excited Leptons in Electron Gamma Collisions

KIRCA Z.

Weak and Strong Interactions Phenomenology The 6th Constantine High Energy Physics School, 6 - 12 April 2002

Metrics

Publication: 24

Citation (WoS): 6

Citation (Scopus): 9

H-Index (WoS): 2

H-Index (Scopus): 2

Non Academic Experience

Uludağ Üniversitesi, Yrd. Doç. Dr.

Uludağ Üniversitesi, Öğr. Gör. Dr.

Eskişehir Osmangazi Üniversitesi, Arş. Gör. Dr.