

Lect. SELÇUK BİLMİŞ

Personal Information

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Education Information

Doctorate, Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, Turkey 2010 - 2016

Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Fizik (YI) (Tezli), Turkey 2007 - 2010

Undergraduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, Turkey 2002 - 2007

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Probing physics beyond the standard model through neutrino-electron scatterings, Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, 2016

Postgraduate, Study on non standard interaction of neutrino and unparticle physics with neutrino-electron scattering data at low energy in texono experiment, Middle East Technical University, Graduate School of Natural and Applied Sciences, Fizik (YI) (Tezli), 2010

Research Areas

Basic Particles and Areas, Properties of special particles, Special reactions and phenomenology, Special theories and interaction models, particle systematics

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Arts and Sciences, Department of Physics, 2008 - Continues

Research Assistant, Kek - High Energy Accelerator Research Organization / Belle , 2017 - 2017

Research Assistant, Kek - High Energy Accelerator Research Organization / Belle, 2013 - 2013

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

I. Properties of excited B-c states in QCD

Aliev T., Barakat T., BİLMİŞ S.

- NUCLEAR PHYSICS B, vol.947, 2019 (Journal Indexed in SCI)
- II. **The mass and residues of radially and orbitally excited doubly heavy baryons in QCD**
Aliev T., BİLMİŞ S.
NUCLEAR PHYSICS A, vol.984, pp.99-111, 2019 (Journal Indexed in SCI)
 - III. **Determination of $f(0) - a(0)(0)$ mixing angle from QCD sum rules**
ALİYEV T., BİLMİŞ S.
EUROPEAN PHYSICAL JOURNAL A, vol.54, no.9, 2018 (Journal Indexed in SCI)
 - IV. **Light-cone distribution amplitudes of light $J(PC)=2(--)$ tensor mesons in QCD**
Alyev T., Bilmiş S., Yang K.
NUCLEAR PHYSICS B, vol.931, pp.132-145, 2018 (Journal Indexed in SCI)
 - V. **Reanalysis of $\Omega(c) \rightarrow \Xi K^+(c)$ Decay in QCD**
ALİYEV T., BİLMİŞ S., SAVCI M.
ADVANCES IN HIGH ENERGY PHYSICS, vol.2018, 2018 (Journal Indexed in SCI)
 - VI. **Scalar unparticle signals at the LHC**
ALİYEV T., BİLMİŞ S., Solmaz M., TURAN İ.
PHYSICAL REVIEW D, vol.95, no.9, 2017 (Journal Indexed in SCI)
 - VII. **Strong Coupling Constants of Negative Parity Heavy Baryons with π and K Mesons**
ALİYEV T., BİLMİŞ S., SAVCI M.
ADVANCES IN HIGH ENERGY PHYSICS, 2017 (Journal Indexed in SCI)
 - VIII. **Analysis of Radial Excitations of Octet Baryons in QCD Sum Rules**
ALİYEV T., BİLMİŞ S.
ADVANCES IN HIGH ENERGY PHYSICS, 2017 (Journal Indexed in SCI)
 - IX. **Constraints on dark photon from neutrino-electron scattering experiments**
BİLMİŞ S., TURAN İ., Aliev T., Deniz M., Singh L., Wong H. T.
PHYSICAL REVIEW D, vol.92, no.3, 2015 (Journal Indexed in SCI)
 - X. **Constraints on a noncommutative physics scale with neutrino-electron scattering**
Bilmis S., Deniz M., Li H. B., Li J., Liao H. Y., Lin S. T., Singh V., Wong H. T., Yildirim I. O., Yue Q., et al.
PHYSICAL REVIEW D, vol.85, no.7, 2012 (Journal Indexed in SCI)
 - XI. **Constraints on nonstandard neutrino interactions and unparticle physics with (ν) over bar $(e)-e(-)$ scattering at the Kuo-Sheng nuclear power reactor**
Deniz M., Bilmis S., Yildirim I. O., Li H. B., Li J., Liao H. Y., Lin C. W., Lin S. T., SERİN M., Singh V., et al.
PHYSICAL REVIEW D, vol.82, no.3, 2010 (Journal Indexed in SCI)
 - XII. **Measurement of (ν) over bar (e) -electron scattering cross section with a CsI(Tl) scintillating crystal array at the Kuo-Sheng nuclear power reactor**
Deniz M., Lin S. T., Singh V., Li J., Wong H. T., Bilmis S., Chang C. Y., Chang H. M., Chang W. C., Chen C. P., et al.
PHYSICAL REVIEW D, vol.81, no.7, 2010 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **LIGHT-CONE DISTRIBUTION AMPLITUDES OF LIGHT $J(PC)=2(--)$ TENSOR MESONS IN QCD**
Aliev T., BİLMİŞ S., Yang K. C.
6th International Conference on Control and Optimization with Industrial Applications (COIA), Baku, Azerbaijan, 11 - 13 July 2018, pp.68-70
- II. **Constraining Dark Photon via Neutrino Electron Scattering Experiments**
BİLMİŞ S., TURAN İ., ALİYEV T., DENİZ M., Singh L., Wong H. T.
Institute for Research in Fundamental Sciences (IPM), Tahrán, Iran, 22 - 27 January 2016
- III. **Unparticle Signals at LHC**
ALİYEV T., BİLMİŞ S., solmaz M., TURAN İ.
ICTP-ECAR, Turkey, 29 September - 03 October 2015
- IV. **Final results of $\bar{\nu}_e - e$ scattering cross-section measurements and constraints on new physics**

Deniz M., Bilmis S., Wong H. T.

12th International Conference on Topics in Astroparticle and Underground Physics, TAUP 2011, Munich, Germany,
5 - 09 September 2011, vol.375

V. Measurement of $\bar{\nu}e$ -e- scattering cross-section and constraints on new physics with a CsI(Tl) crystal array at the Kuo-Sheng reactor laboratory

Deniz M., BİLMİŞ S., Wong H. T.

21st International Europhysics Conference on High Energy Physics, EPS-HEP 2011, Grenoble, RhoneAlpes, France,
21 - 27 July 2011

Supported Projects

ALİYEV T., ŞİMŞEK K., SAVCI M., TURAN İ., BİLMİŞ S., Project Supported by Higher Education Institutions, İki Ağır Kuarktan Oluşan Baryon Sisteminin Özelliklerinin LHC Deneyinde Araştırılması, 2018 - 2019

ALİYEV T., TURAN İ., BİLMİŞ S., Project Supported by Higher Education Institutions, Fermiyonik Aparçacıklarının Özelliklerinin İncelenmesi ve Deneysel İzleri, 2017 - 2017

SAVCI M., BİLMİŞ S., Project Supported by Higher Education Institutions, Negatif pariteli mezon ve baryonların radiatif geçişleri, multipole manyetik momentlerinin incelenmesi, 2017 - 2017

TURAN İ., BİLMİŞ S., Project Supported by Higher Education Institutions, Standart Model Ötesi Fiziğin Büyük Hadron Çarpıştırıcısı'nda Araştırılması, 2013 - 2015

Citations

Total Citations (WOS):310

h-index (WOS):5