

## Assoc. Prof. ÜMİT OKTAY YILMAZ

### Personal Information

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### Education Information

Doctorate, Middle East Technical University, Faculty Of Arts And Sciences, Fizik/Yüksek Enerji Fiziği, Turkey 2000 - 2005

Postgraduate, Middle East Technical University, Faculty Of Arts And Sciences, Fizik/Yüksek Enerji Fiziği, Turkey 1995 - 1997

Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Fizik, Turkey 1990 - 1994

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, The polarization properties of the final state particles in the rare radiative B-meson decays, Orta Doğu Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, 2005

Postgraduate, Generalization of lepton number schemes: neutrino mass matrix and oscillation phenomena, Orta Doğu Teknik Üniversitesi, Risk Analizi A.B.D., Fizik (Dr), 1997

### Research Areas

Physics, Basic Particles and Areas, Special reactions and phenomenology, Special theories and interaction models, particle systematics, Natural Sciences

### Academic Titles / Tasks

Assistant Professor, Karabuk University, Protetik Diş Tedavisi A.B.D., Fizik Bölümü, 2009 - Continues

Assistant Professor, Mersin University, Faculty Of Arts And Sciences, Department Of Physics, 2006 - 2009

### Advising Theses

YILMAZ Ü. O., New physics effects in  $B_c \rightarrow (D_s, D) l^+ l^-$  decays in single universal extra dimension, Postgraduate, E.DANAPINAR(Student), 2012

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Study of B-c -> D-s\*, l(+)l(-) in a single universal extra dimension**  
Yilmaz U. O.  
PHYSICAL REVIEW D, vol.85, no.11, 2012 (SCI-Expanded)
- II. **Analysis of B-s -> phi l(+)l(-) decay with new-physics effects**  
Yilmaz U. O.  
EUROPEAN PHYSICAL JOURNAL C, vol.58, no.4, pp.555-568, 2008 (SCI-Expanded)
- III. **Rare B-c -> D(s)l(+)l(-) decay beyond the standard model**  
Yilmaz U. O.  
PHYSICAL REVIEW D, vol.78, no.5, 2008 (SCI-Expanded)
- IV. **General analysis of the rare B-c -> D-s\*l(+)l(-) decay beyond the standard model**  
Yilmaz U. O., TURAN G.  
EUROPEAN PHYSICAL JOURNAL C, vol.51, no.1, pp.63-74, 2007 (SCI-Expanded)
- V. **A general analysis of the lepton polarizations in B-s ->gamma l(+)l(-) decays**  
Yilmaz U., SIRVANLI B., TURAN G.  
NUCLEAR PHYSICS B, vol.692, pp.249-269, 2004 (SCI-Expanded)
- VI. **New physics effects in the rare B-s -> gamma l(+)l(-) decays with a polarized photon**  
Yilmaz U., SIRVANLI B., TURAN G.  
EUROPEAN PHYSICAL JOURNAL C, vol.30, no.2, pp.197-205, 2003 (SCI-Expanded)
- VII. **Fourth SM family, breaking of mass democracy, and the CKM mixings**  
ATAG S., CELIKEL A., CIFTCI A. Ö., SULTANSOY S., Yilmaz U.  
PHYSICAL REVIEW D, vol.54, no.9, pp.5745-5749, 1996 (SCI-Expanded)

## Metrics

Publication: 7

Citation (WoS): 75

Citation (Scopus): 76

H-Index (WoS): 5

H-Index (Scopus): 5

## Non Academic Experience

MİLLİ EĞİTİM BAKANLIĞI

ÖZEL DOĞUŞ OKULLARI

MİLLİ EĞİTİM BAKANLIĞI