

Prof.Dr. ALİ MURAT GÜLER

Kişisel Bilgiler

Fax Telefonu: [+90 312 210 5099](tel:+903122105099)

E-posta: amg@metu.edu.tr

Eğitim Bilgileri

Doktora, Orta Doğu Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, Türkiye 1997 - 2000

Yüksek Lisans, Orta Doğu Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, Türkiye 1994 - 1997

Lisans, Orta Doğu Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Bölümü, Türkiye 1989 - 1994

Yabancı Diller

İngilizce, C1 İleri

Araştırma Alanları

Fizik, Temel Parçacıklar ve Alanlar , Özel parçacıkların özellikleri, Temel Bilimler

Akademik Unvanlar / Görevler

Prof.Dr., Orta Doğu Teknik Üniversitesi, Fen Edebiyat, Fizik, 2010 - Devam Ediyor

Yönetilen Tezler

GÜLER A. M. , OPERA Dedektöründeki Nötrino-Kurşun Yüklü Akım Etkileşmelerinde Hadron Çokluk Dağılımlarının İncelenmesi, Doktora, Ç.KAMIŞCIOĞLU(Öğrenci), 2017

GÜLER A. M. , Study of misalignment effects in the CMS forward hadron calorimeter, Yüksek Lisans, C.KILINÇ(Öğrenci), 2016

GÜLER A. M. , Search for pair production of a heavy quark decaying into top quark and photon in semi-leptonic channel with the CMS detector in the LHC, Yüksek Lisans, E.AŞILAR(Öğrenci), 2014

GÜLER A. M. , Geant4 based Monte Carlo simulation for carbon fragmentation in nuclear emulsion, Yüksek Lisans, N.HOSSEİNİ(Öğrenci), 2012

GÜLER A. M. , Measurement of differential photon-jet cross section from 7 TeV PP collisions in the CMS experiment at the LHC, Doktora, K.ÖCALAN(Öğrenci), 2012

GÜLER A. M. , Analysis of neutrino interactions in the OPERA experiment, Yüksek Lisans, M.KAMIŞCIOĞLU(Öğrenci), 2012

GÜLER A. M. , Neutrino interaction analysis with an automatic scanning system in the OPERA experiment, Yüksek Lisans, B.HOSSEİNİ(Öğrenci), 2012

GÜLER A. M. , High-speed automatic scanning system for emulsion analysis in the OPERA experiment, Yüksek Lisans, Ö.ALTINOK(Öğrenci), 2011

GÜLER A. M. , Study of beam-halo events in photon production in the CMS experiment, Yüksek Lisans, E.YILDIRIM(Öğrenci), 2011

GÜLER A. M. , D0 background to neutrino oscillations in the OPERA experiment, Yüksek Lisans, S.TUFANLI(Öğrenci), 2009
GÜLER A. M. , Search for supersymmetry in jet topologies with the CMS detector, Yüksek Lisans, K.ÖCALAN(Öğrenci), 2009
GÜLER A. M. , Study of electron identification in the opera detector, Yüksek Lisans, M.FATİH(Öğrenci), 2008
GÜLER A. M. , Antineutrino charm production and pentaquark search in the CHORUS experiment, Doktora, U.KÖSE(Öğrenci), 2006
GÜLER A. M. , Study of neutrino interactions in the CHORUS experiment, Yüksek Lisans, V.ÇUHA(Öğrenci), 2006

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- **DsTau: study of tau neutrino production with 400 GeV protons from the CERN-SPS**
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JOURNAL OF HIGH ENERGY PHYSICS, 2020 (SCI İndekslerine Giren Dergi)
- **Measurement of the cosmic ray muon flux seasonal variation with the OPERA detector**
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- **Final results on neutrino oscillation parameters from the OPERA experiment in the CNGS beam**
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- **Sensitivity of the SHiP experiment to Heavy Neutral Leptons**
Ahdida C., Albanese R., Alexandrov A., Anokhina A., Aoki S., Arduini G., Atkin E., Azorskiy N., Dos Santos F. B. , Back J. J. , et al.
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- **The experimental facility for the Search for Hidden Particles at the CERN SPS**
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- **Discovery potential for directional Dark Matter detection with nuclear emulsions**
Agafonova N., Aleksandrov A., Anokhina A., Asada T., Ashikhmin V. V. , Bodnarchuk I., Buonauro A., Chernyavskii M., Chukanov A., D'Ambrosio N., et al.
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- **Final results of the search for $\nu(\mu) \rightarrow \nu(e)$ oscillations with the OPERA detector in the CNGS beam**
Agafonova N., Aleksandrov A., Anokhina A., Aoki S., Ariga A., Ariga T., Bertolin A., Bozza C., Brugnera R., Buonauro A., et al.
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- **Final Results of the OPERA Experiment on $\nu(\tau)$ Appearance In the CNGS Neutrino Beam**
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- **Study of charged hadron multiplicities in charged-current neutrino-lead interactions in the OPERA detector**
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- **Brightness and uniformity measurements of plastic scintillator tiles at the CERN H2 test beam**
Chatrchyan S., Sirunyan A. M. , Tumasyan A., Litomin A., Mossolov V., Shumeiko N., Van de Klundert M., Van

Haevermaet H., Van Mechelen P., Van Spilbeeck A., et al.

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The active muon shield in the SHiP experiment

Akmete A., Alexandrov A., Anokhina A., Aoki S., Atkin E., Azorskiy N., Back J. J., Bagulya A., Baranov A., Barker G. J., et al.

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Readout technologies for directional WIMP Dark Matter detection

Battat J. B. R., Irastorza I. G., Aleksandrov A., Asada T., Baracchini E., Billard J., Bosson G., Bourrion O., Bouvier J., Buonauro A., et al.

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Agafonova N., Aleksandrov A., Anokhina A., Aoki S., Ariga A., Ariga T., Bender D., Bertolin A. G., Bodnarchuk I., Bozza C., et al.

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Observation of tau neutrino appearance in the CNGS beam with the OPERA experiment

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PROGRESS OF THEORETICAL AND EXPERIMENTAL PHYSICS, 2014 (SCI İndekslerine Giren Dergi)

Procedure for short-lived particle detection in the OPERA experiment and its application to charm decays

Agafonova N., Aleksandrov A., Anokhina A., Aoki S., Ariga A., Ariga T., Bender D., Bertolin A., Bozza C., Brugnera R., et al.

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Evidence for $\nu(\mu) \rightarrow \nu(\tau)$ appearance in the CNGS neutrino beam with the OPERA experiment

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Search for $\nu(\mu) \rightarrow \nu(e)$ oscillations with the OPERA experiment in the CNGS beam

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Measurement of the neutrino velocity with the OPERA detector in the CNGS beam

Adam T., Agafonova N., Aleksandrov A., Altinok O., Sanchez P. A., Anokhina A., Aoki S., Ariga A., Ariga T., Autiero D., et al.

JOURNAL OF HIGH ENERGY PHYSICS, 2012 (SCI İndekslerine Giren Dergi)

Observation of a first $\nu(\tau)$ candidate event in the OPERA experiment in the CNGS beam

Agafonova N., Aleksandrov A., Altinok O., Ambrosio M., Anokhina A., Aoki S., Ariga A., Ariga T., Autiero D., Badertscher A., et al.

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Measurement of the atmospheric muon charge ratio with the OPERA detector

Agafonova N., Anokhina A., Aoki S., Ariga A., Ariga T., Autiero D., Badertscher A., Bagulya A., Bertolin A., Besnier M., et al.

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● **Leading order analysis of neutrino induced dimuon events in the CHORUS experiment**

Kayis-Topaksu A., Onengut G., van Dantzig R., de Jong M., Oldeman R. G. C. , Guler A., Kama S., Kose U., Serin-Zeyrek M., Tolun P., et al.

NUCLEAR PHYSICS B, cilt.798, ss.1-16, 2008 (SCI İndekslerine Giren Dergi)

● **Emulsion sheet doublets as interface trackers for the OPERA experiment**

Anokhina A., Aoki S., Ariga A., Arrabito L., Autiero D., Badertscher A., Bay F., Greggio F. B. , Bertolin A., Besnier M., et al.

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● **First events from the CNGS neutrino beam detected in the OPERA experiment**

Acquafredda R., Agafonova N., Ambrosio M., Anokhina A., Aoki S., Ariga A., Arrabito L., Autiero D., Badertscher A., Baussan E., et al.

NEW JOURNAL OF PHYSICS, cilt.8, 2006 (SCI İndekslerine Giren Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

● **Study of tau neutrino production at the CERN SPS**

GÜLER A. M.

13th International Conference on Beauty, Charm and Hyperon Hadrons (BEACH), Peniche, Portekiz, 17 - 23

Haziran 2018, cilt.1137

● **Nuclear Emulsion Based Detector for Directional Dark Mater Search**

Güler A. M.

TECHNOLOGY AND INSTRUMENTATION IN PARTICLE PHYSICS'17, Beijing, Çin, 22 - 26 Mayıs 2017, no.213, ss.93-96

● **Discovery potential for directional dark matter detection with nuclear emulsions**

GÜLER A. M.

International Conference Frontiers in Theoretical and Applied Physics (FTAPS), Sharjah, Birleşik Arap Emirlikleri, 22 - 25 Şubat 2017, cilt.869

● **Performance of Automatic Scanning Microscope for Nuclear Emulsion Experiments**

GÜLER A. M. , Altınok O.

International Conference of Computational Methods in Sciences and Engineering (ICCMSE), Athens, Yunanistan, 20 - 23 Mart 2015, cilt.1702

● **Measurement of associated charm production in neutrino-nucleon interactions**

Guler A. M.

Europhysics Conference on High Energy Physics, Manchester, İngiltere, 19 - 25 Temmuz 2007, cilt.110

● **Final results of the search for $\nu(\mu)$ to $\nu(\tau)$ oscillations by CHORUS**

Guler A. M.

9th International Conference on Topics in Astroparticle and Underground Physics 2005, Zaragoza, İspanya, 10 - 14 Eylül 2005, cilt.39, ss.313-315

● **Chorus results on oscillation and charm physics**

Guler A.

32nd International Conference on High Energy Physics, Beijing, Çin, 16 - 22 Ağustos 2004, ss.312-315

Desteklenen Projeler

GÜLER A. M. , Yükseköğretim Kurumları Destekli Proje, CERN-SHIP ALGICI İLE STANDART MODEL ÖTESİ FİZİK İNCELENMESİ, 2017 - 2017

GÜLER A. M. , Yükseköğretim Kurumları Destekli Proje, OPERA DENEYİNDE CHARM ÜRETİMİ VE BOZUNUMU, 2017 - 2017

GÜLER A. M. , Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 -

2015

GÜLER A. M. , Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

GÜLER A. M. , KILINÇ C., Yükseköğretim Kurumları Destekli Proje, CMS-HF KALORİMETRESİ İÇİN - ÇOK ANOTLU FOTOÇOĞANTICILAR, 2013 - 2013

GÜLER A. M. , Yükseköğretim Kurumları Destekli Proje, Neutrino Interactions Analysis With An Automatic Scanning System İn The Opera Experiment, 2011 - 2011

Atıflar

Toplam Atıf Sayısı (WOS):1010

h-indeksi (WOS):16

Ödüller

Güler A. M. , Bilim Teşvik, Tübitak, Aralık 2011