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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

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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 Fakültesi, Fizik Bölümü, 2010 - Devam Ediyor

Doç. Dr., Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Fizik Bölümü, 2007 - 2010

Yrd. Doç. Dr., Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Fizik Bölümü, 2004 - 2007

Öğretim Görevlisi Dr., Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Fizik Bölümü, 2003 - 2004

Öğretim Görevlisi Dr., Nagoya University, Science Faculty, Physics Department, 2000 - 2002

Araştırma Görevlisi, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Fizik Bölümü, 1994 - 2000

Yönetilen Tezler

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Güler A. M., Analysis of Emulsion RUN0 data of the SND@LHC experiment at the CERN-LHC, Yüksek Lisans, E.YAMAN(Öğrenci), 2023

Güler A. M., Alignment study of scintillating fiber modules of the SND@LHC experiment at CERN, Yüksek Lisans,

C.YAZICI(Öğrenci), 2023

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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

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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

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- XIV. **First observation of a tau neutrino charged current interaction with charm production in the OPERA experiment: OPERA Collaboration**
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- XV. **Measurement of the muon flux from 400 GeV/c protons interacting in a thick molybdenum/tungsten target**
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- XVI. **DsTau: study of tau neutrino production with 400 GeV protons from the CERN-SPS**
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- XVII. **The magnet of the scattering and neutrino detector for the SHiP experiment at CERN**
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- XIX. **Measurement of the cosmic ray muon flux seasonal variation with the OPERA detector**
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- XX. **Final results on neutrino oscillation parameters from the OPERA experiment in the CNGS beam**
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- XXI. **Sensitivity of the SHiP experiment to Heavy Neutral Leptons**
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- XXIV. **Discovery potential for directional Dark Matter detection with nuclear emulsions**
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- XXV. **Final results of the search for $\nu(\mu) \rightarrow \nu(e)$ oscillations with the OPERA detector in the CNGS beam**
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- XXVI. **Final Results of the OPERA Experiment on $\nu(\tau)$ Appearance In the CNGS Neutrino Beam**
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- XXVIII. **Brightness and uniformity measurements of plastic scintillator tiles at the CERN H2 test beam**
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- XXIX. **Radioactive source calibration test of the CMS Hadron Endcap Calorimeter test wedge with Phase I
upgrade electronics**
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- XXX. **The active muon shield in the SHiP experiment**
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- XXXI. **Readout technologies for directional WIMP Dark Matter detection**
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- XXXIII. **Determination of the muon charge sign with the dipolar spectrometers of the OPERA experiment**
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- XXXIV. **Discovery of tau Neutrino Appearance in the CNGS Neutrino Beam with the OPERA Experiment**
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- XXXVII. **Procedure for short-lived particle detection in the OPERA experiment and its application to charm
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- XLI. **Measurement of the neutrino velocity with the OPERA detector in the CNGS beam using the 2012 dedicated data**
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- XLII. **Measurement of the neutrino velocity with the OPERA detector in the CNGS beam**
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- XLIII. **Observation of a new boson at a mass of 125 GeV with the CMS experiment at the LHC**
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- XLIV. **Search for $\nu \mu \rightarrow \nu \tau$ oscillation with the OPERA experiment in the CNGS beam**
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- XLV. **Momentum measurement by the multiple Coulomb scattering method in the OPERA lead-emulsion target**
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- XLVI. **Study of neutrino interactions with the electronic detectors of the OPERA experiment**
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- XLVII. **Observation of a first $\nu(\tau)$ candidate event in the OPERA experiment in the CNGS beam**
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- XLVIII. **Study of various photomultiplier tubes with muon beams and Cerenkov light produced in electron showers**
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- L. **The detection of neutrino interactions in the emulsion/lead target of the OPERA experiment**
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