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EĐitim Bilgileri

Doktora, ukurova niversitesi, Fen Bilimleri Enstits, Fizik, Trkiye 1987 - 1992

Yksek Lisans, ukurova niversitesi, Fen Bilimleri Enstits, Fizik, Trkiye 1983 - 1986

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Yabancı Diller

İngilizce, B2 Orta st

YaptıĐı Tezler

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AraŐtırma Alanları

Fizik, Temel Paracıklar ve Alanlar , Temel Bilimler

Akademik Unvanlar / Grevler

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- I. **Search for light long-lived particles decaying to displaced jets in proton-proton collisions at $\sqrt{s} = 13.6$ TeV**
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- II. **Search for the Higgs boson decays to a $\rho 0$, ϕ , or K^*0 meson and a photon in proton-proton collisions at $s=13\text{TeV}$**
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- III. **Constraints on the Higgs boson self-coupling from the combination of single and double Higgs boson production in proton-proton collisions at $s=13\text{TeV}$**
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- VII. **Search for New Resonances Decaying to Pairs of Merged Diphotons in Proton-Proton Collisions at (Formula presented)**
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- VIII. **Study of WH production through vector boson scattering and extraction of the relative sign of the W and Z couplings to the Higgs boson in proton-proton collisions at $s=13\text{TeV}$**
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- IX. **Search for bottom quark associated production of the standard model Higgs boson in final states**

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- X. **Search for a standard model-like Higgs boson in the mass range between 70 and 110 GeV in the diphoton final state in proton-proton collisions at $s=13\text{TeV}$**
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- XI. **Search for charged-lepton flavor violation in the production and decay of top quarks using trilepton final states in proton-proton collisions at (Formula presented)**
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- XIII. **Searches for Pair-Produced Multijet Resonances Using Data Scouting in Proton-Proton Collisions at $\sqrt{s}=13\text{ TeV}$**
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- XVI. **Measurement of the polarizations of prompt and non-prompt [Formula presented] and $\psi(2S)$ mesons produced in pp collisions at $s=13\text{TeV}$**
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- XVII. **Observation of double Formula Presented meson production in Formula Presented collisions at Formula Presented**
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- XX. **Observation of the $\Lambda b0 \rightarrow J/\psi \Xi - K^+$ decay**
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- XXI. **$KS0$ and $\Lambda(\Lambda^-)$ two-particle femtoscopic correlations in PbPb collisions at $s_{NN}=5.02\text{TeV}$**
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- XXV. **Searches for violation of Lorentz invariance in top quark pair production using dilepton events in 13 TeV proton-proton collisions**
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- XXVI. **Search for production of a single vectorlike quark decaying to tH or tZ in the all-hadronic final state in pp collisions at [Formula presented]**
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- XXVII. **Measurement of differential $ZZ + \text{jets}$ production cross sections in pp collisions at $s = 13\text{ TeV}$**
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- XXVIII. **Performance of the CMS electromagnetic calorimeter in pp collisions at $\sqrt{s} = 13\text{ TeV}$**
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- XXX. **Search for a resonance decaying to a W boson and a photon in proton-proton collisions at $s = 13\text{ TeV}$ using leptonic W boson decays**
 Hayrapetyan A., Tumasyan A., Adam W., Andrejkovic J., Bergauer T., Chatterjee S., Damanakis K., Dragicevic M., Hussain P., Jeitler M., et al.
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- XXXI. **Performance of CMS muon reconstruction from proton-proton to heavy ion collisions**

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XXXII. **Measurement of Energy Correlators inside Jets and Determination of the Strong Coupling Formula Presented**

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XXXIII. **Measurement of multijet azimuthal correlations and determination of the strong coupling in proton-proton collisions at $s=13\text{TeV}$**

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XXXIV. **Constraints on anomalous Higgs boson couplings from its production and decay using the WW channel in proton-proton collisions at $s=13\text{TeV}$**

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XXXV. **Search for new physics in high-mass diphoton events from proton-proton collisions at $s = 13\text{TeV}$**

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XXXVI. **Multiplicity and transverse momentum dependence of charge-balance functions in pPb and PbPb collisions at LHC energies**

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XXXVII. **Evidence for tWZ production in proton-proton collisions at $s=13\text{TeV}$ in multilepton final states**

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XXXVIII. **Search for long-lived particles decaying in the CMS muon detectors in proton-proton collisions at Formula Presented**

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XXXIX. **Observation of the Formula Presented Meson and Suppression of Formula Presented States in Pb-Pb Collisions at Formula Presented**

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XL. **Search for Narrow Trijet Resonances in Proton-Proton Collisions at Formula Presented**

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XLI. **Search for high-mass exclusive diphoton production with tagged protons in proton-proton collisions at Formula Presented**

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collisions at Formula Presented

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XLIII. Search for a scalar or pseudoscalar dilepton resonance produced in association with a massive vector boson or top quark-antiquark pair in multilepton events at $\sqrt{s}=13$ TeV

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XLIV. Search for dark QCD with emerging jets in proton-proton collisions at $s = 13$ TeV

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XLV. Extracting the speed of sound in quark-gluon plasma with ultrarelativistic lead-lead collisions at the LHC

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XLVI. Observation of the Formula Presented decay and studies of the Formula Presented baryon in proton-proton collisions at Formula Presented

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XLVII. Search for ZZ and ZH production in the $bb\bar{b}\bar{b}$ final state using proton-proton collisions at $\sqrt{s}=13$ TeV

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XLVIII. Combination of Measurements of the Top Quark Mass from Data Collected by the ATLAS and CMS Experiments at $\sqrt{s}=7$ and 8 TeV

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XLIX. Search for Baryon Number Violation in Top Quark Production and Decay Using Proton-Proton Collisions at Formula Presented

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L. Search for stealth supersymmetry in final states with two photons, jets, and low missing transverse momentum in proton-proton collisions at Formula Presented

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LI. Combined search for electroweak production of winos, binos, higgsinos, and sleptons in proton-proton collisions at Formula Presented

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LII. Observation of the Formula Presented decay in proton-proton collisions at Formula Presented

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- LIII. **Search for the lepton flavor violating $\tau \rightarrow 3\mu$ decay in proton-proton collisions at $s=13\text{TeV}$**
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- LIV. **Search for pair production of scalar and vector leptoquarks decaying to muons and bottom quarks in proton-proton collisions at Formula Presented**
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- LV. **Nonresonant central exclusive production of charged-hadron pairs in proton-proton collisions at Formula Presented**
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- LVI. **Search for long-lived particles using displaced vertices and missing transverse momentum in proton-proton collisions at Formula Presented**
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- LVIII. **Search for an exotic decay of the Higgs boson into a Z boson and a pseudoscalar particle in proton-proton collisions at $s=13\text{TeV}$**
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- LX. **Search for long-lived particles decaying to final states with a pair of muons in proton-proton collisions at $s = 13.6 \text{ TeV}$**
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- LXI. **Search for exotic decays of the Higgs boson to a pair of pseudoscalars in the $\mu\mu b\bar{b}$ and $\tau\tau b\bar{b}$ final states**
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- LXV. **Inclusive and differential cross section measurements of $t\bar{t}b\bar{b}$ production in the lepton+jets channel at $s = 13$ TeV**
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- LXVII. **Search for supersymmetry in final states with disappearing tracks in proton-proton collisions at Formula Presented**
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- LXVIII. **Observation of $WW\gamma$ Production and Search for $H\gamma$ Production in Proton-Proton Collisions at $\sqrt{s}=13$ TeV**
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- LXXII. **Measurements of azimuthal anisotropy of nonprompt D^0 mesons in PbPb collisions at $s_{NN}=5.02$ TeV**
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- LXXIV. **Study of azimuthal anisotropy of $\Upsilon(1S)$ mesons in pPb collisions at $s_{NN} = 8.16$ TeV**
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- LXXV. **Search for Scalar Leptoquarks Produced via τ -Lepton-Quark Scattering in pp Collisions at $\sqrt{s}=13$ TeV**
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- LXXVII. **Higher-order moments of the elliptic flow distribution in PbPb collisions at $s_{NN} = 5.02$ TeV**
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- XCI. **Measurement of B-c(2S)(+) and B-c*(2S)(+) cross section ratios in proton-proton collisions at root s=13 TeV**
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- XCIV. **Reconstruction of signal amplitudes in the CMS electromagnetic calorimeter in the presence of overlapping proton-proton interactions**
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- XCV. **Studies of Charm Quark Diffusion inside Jets Using Pb-Pb and pp Collisions at root s(NN)=5.02 TeV**
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- XCVI. Search for supersymmetry in proton-proton collisions at $\sqrt{s}=13$ TeV in events with high-momentum Z bosons and missing transverse momentum**
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- CIV. Charged-particle angular correlations in XeXe collisions at $\sqrt{s(NN)}=5.44$ TeV**
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- CV. Measurement of electroweak WZ boson production and search for new physics in WZ plus two jets events in pp collisions at $\sqrt{s}=13$ TeV**
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- CVI. Centrality and pseudorapidity dependence of the transverse energy density in pPb collisions at $\sqrt{s(NN)}=5.02$ TeV**
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M., Ero J., et al.

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CVII. Performance of missing transverse momentum reconstruction in proton-proton collisions at root s=13 TeV using the CMS detector

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CVIII. Search for charged Higgs bosons in the $H \rightarrow \tau \nu$ decay channel in proton-proton collisions at s=13 TeV

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CIX. Search for supersymmetry in final states with photons and missing transverse momentum in proton-proton collisions at 13 TeV

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CX. Measurement of the energy density as a function of pseudorapidity in proton-proton collisions at root s=13 TeV

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CXI. Jet Shapes of Isolated Photon-Tagged Jets in Pb-Pb and pp Collisions at root S-NN=5.02 TeV

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CXII. Observation of prompt J/psi meson elliptic flow in high-multiplicity pPb collisions at root s(NN)=8.16 TeV

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CXIII. Search for pair production of first-generation scalar leptoquarks at root s=13 TeV

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CXIV. Search for dark matter produced in association with a single top quark or a top quark pair in proton-proton collisions at s=13 TeV

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CXV. Evidence for light-by-light scattering in ultraperipheral PbPb collisions at root S-NN=5.02 TeV

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Yayın: 445

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