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Eğitim Bilgileri

Doktora, Çukurova Üniversitesi, Fen-Edebiyat Fakültesi, Fizik, Türkiye 1996 - 2001

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

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- V. **Search for high-mass diphoton resonances in proton-proton collisions at 13 TeV and combination with 8 TeV search**
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- VI. **Search for electroweak production of charginos in final states with two T leptons in pp collisions at root s=8 TeV**
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- VII. **Measurement of the $t(\bar{t})$ production cross section using events in the $e\mu$ final state in pp collisions at $\sqrt{s}=13$ TeV**

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- VIII. **Observation of Charge-Dependent Azimuthal Correlations in p-Pb Collisions and Its Implication for the Search for the Chiral Magnetic Effect**

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- IX. **Phenomenological MSSM interpretation of CMS searches in pp collisions at $\sqrt{s}=7$ and 8 TeV**

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- X. **Dose rate effects in the radiation damage of the plastic scintillators of the CMS hadron endcap calorimeter**

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- XI. **Measurements of $t(\bar{t})$ charge asymmetry using dilepton final states in pp collisions at $\sqrt{s}=8$ TeV**

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- XII. **Search for direct pair production of scalar top quarks in the single- and dilepton channels in proton-proton collisions at $\sqrt{s}=8$ TeV**

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- XIV. **Measurement of the $W+W$ cross section in pp collisions at $\sqrt{s}=8$ TeV and limits on anomalous gauge couplings**

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- XV. **Forward-backward asymmetry of Drell-Yan lepton pairs in pp collisions at $\sqrt{s}=8$ TeV**

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- XVII. **Measurement of the inclusive jet cross section in pp collisions at $\sqrt{s}=2.76$ TeV**

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- XVIII. **Search for supersymmetry in pp collisions at root s=8 TeV in final states with boosted W bosons and b jets using razor variables**
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- XX. **Search for new phenomena in monophoton final states in proton-proton collisions at root s=8 TeV**
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- XXVII. **Measurements of the Upsilon(1S), Upsilon(2S), and Upsilon(3S) differential cross sections in pp collisions at root s=7 TeV**
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- XXVIII. **Performance of photon reconstruction and identification with the CMS detector in proton-proton collisions at root s=8TeV**
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- XXX. **Measurement of the Z gamma production cross section in pp collisions at 8 TeV and search for anomalous triple gauge boson couplings**
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- XXXIV. **Observation of the diphoton decay of the Higgs boson and measurement of its properties**
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- XXXVI. **Measurement of top quark-antiquark pair production in association with a W or Z boson in pp collisions at root s=8 TeV**
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- XXXVII. **Searches for light- and heavy-flavour three-jet resonances in pp collisions at root s=8 TeV**
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- XXXVIII. **Modification of jet shapes in PbPb collisions at root s(NN)=2.76 TeV**
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- XXXIX. **Measurement of the t(t)over-bar production cross section in the dilepton channel in pp collisions at root s = 8 TeV (vol 2, 024, 2014)**
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- XL. **Search for the standard model Higgs boson produced in association with a W or a Z boson and decaying to bottom quarks**
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- XLI. **Determination of the top-quark pole mass and strong coupling constant from the t(t)over-bar**

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- XLII. **Study of double parton scattering using W + 2-jet events in proton-proton collisions at $\sqrt{s} = 7$ TeV**
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- XLIII. **Measurement of Higgs boson production and properties in the WW decay channel with leptonic final states**
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- XLIV. **Rapidity distributions in exclusive Z plus jet and gamma plus jet events in pp collisions at root s=7 TeV**
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- XLV. **Measurement of the prompt J/psi and psi(2S) polarizations in pp collisions at root s=7 TeV**
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- XLVI. **Jet and underlying event properties as a function of charged-particle multiplicity in proton-proton collisions at root s=7 TeV**
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- XLVII. **Search for Top Squarks in R-Parity-Violating Supersymmetry Using Three or More Leptons and b-Tagged Jets**
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- XLVIII. **Search for a non-standard-model Higgs boson decaying to a pair of new light bosons in four-muon final states**
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- XLIX. **Searches for new physics using the t(t)over-bar invariant mass distribution in pp collisions at root s=8 TeV**
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- L. **Measurement of the Upsilon(1S), Upsilon(2S), and Upsilon(3S) cross sections in pp collisions at root s=7 TeV**
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- LII. **The performance of the CMS muon detector in proton-proton collisions at root s=7 TeV at the LHC**
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- LIII. **Measurement of the hadronic activity in events with a Z and two jets and extraction of the cross section for the electroweak production of a Z with two jets in pp collisions at root s=7 TeV**

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- LIV. **Measurement of the ratio of the inclusive 3-jet cross section to the inclusive 2-jet cross section in pp collisions at root s=7 TeV and first determination of the strong coupling constant in the TeV range**

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- LV. **Measurement of the W+W- cross section in pp collisions at and limits on anomalous WW gamma and WWZ couplings**

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- LVI. **Search for gluino mediated bottom- and top-squark production in multijet final states in pp collisions at 8 TeV**

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- LVII. **Measurement of the W-boson helicity in top-quark decays from t(t)over-bar production in lepton plus jets events in pp collisions at root s=7 TeV**

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- LVIII. **Measurement of the B-s(0) ->mu(+)mu(-) Branching Fraction and Search for B-0 -> mu(+)mu(-) with the CMS Experiment**

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- LX. **Interpretation of searches for supersymmetry with simplified models**

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