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### Eđitim Bilgileri

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İngilizce, B2 Orta st

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- L. 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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- LIV. **Search for heavy Higgs bosons decaying to a top quark pair in proton-proton collisions at  $\sqrt{s}=13$  TeV**

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- LV. **Search for a Narrow Resonance Lighter than 200 GeV Decaying to a Pair of Muons in Proton-Proton Collisions at  $\sqrt{s}=13$  TeV**

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- LVIII. **Charged-particle angular correlations in XeXe collisions at  $\sqrt{s(NN)}=5.44$  TeV**

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- LIX. **Search for resonances decaying to a pair of Higgs bosons in the  $b\bar{b}$  final state in proton-proton collisions at  $\sqrt{s}=13$  TeV**

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- LX. **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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- LXI. **Centrality and pseudorapidity dependence of the transverse energy density in pPb collisions at  $\sqrt{s(NN)}=5.02$  TeV**

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

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- LXIII. **Performance of missing transverse momentum reconstruction in proton-proton collisions at  $\sqrt{s}=13$  TeV using the CMS detector**



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- LXIV. **Search for supersymmetry in final states with photons and missing transverse momentum in proton-proton collisions at 13 TeV**  
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- LXV. **Measurement of the energy density as a function of pseudorapidity in proton-proton collisions at root s=13 TeV**  
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- LXVII. **Observation of prompt J/psi meson elliptic flow in high-multiplicity pPb collisions at root s(NN)=8.16 TeV**  
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- LXIX. **Search for pair production of first-generation scalar leptoquarks at root s=13 TeV**  
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- LXXII. **Non-Gaussian elliptic-flow fluctuations in PbPb collisions at root S-NN=5.02 TeV**  
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- LXXIII. **Multiparticle correlations and higher order harmonics in pPb collisions at root s(NN)=8.16 TeV**  
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- LXXIV. **Search for the chiral magnetic effect at the LHC with the CMS experiment**  
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- LXXV. **D-0-Meson R-AA in PbPb Collisions at  $\sqrt{s(NN)}=5.02$  TeV and Elliptic Flow in pPb Collisions at  $\sqrt{s(NN)}=8.16$  TeV with CMS**  
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- LXXVI. **Search for new physics in final states with a single photon and missing transverse momentum in proton-proton collisions at  $\sqrt{s}=13$  TeV**  
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- LXXVII. **Fragmentation of J/psi in jets in pp collisions at  $\sqrt{s}=5.02$  TeV Batoul Diab for the CMS collaboration**  
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- LXXVIII. **Beyond nPDFs effects : Prompt J/psi and psi(2S) production in pPb and pp collisions**  
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- LXXIX. **Measurement of anisotropic flow in XeXe collisions at 5.44 TeV with the CMS experiment**  
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- LXXXIII. **Search for supersymmetry in events with a photon, a lepton, and missing transverse momentum in proton-proton collisions at  $\sqrt{s}=13$  TeV**  
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- LXXXIV. **Search for pair-produced three-jet resonances in proton-proton collisions at  $\sqrt{s}=13$  TeV**  
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- LXXXV. **Event shape variables measured using multijet final states in proton-proton collisions at  $\sqrt{s}=13$  TeV**  
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- LXXXVI. **Observation of Medium-Induced Modifications of Jet Fragmentation in Pb-Pb Collisions at root  $s(NN)=5.02$  TeV Using Isolated Photon-Tagged Jets**  
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- LXXXVII. **Search for heavy resonances decaying into a vector boson and a Higgs boson in final states with charged leptons, neutrinos and b quarks at root  $s=13$  TeV**  
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- LXXXVIII. **Pseudorapidity and transverse momentum dependence of flow harmonics in pPb and PbPb collisions**  
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- LXXXIX. **Measurement of charged particle spectra in minimum-bias events from proton-proton collisions at  $\sqrt{s}=13$  TeV**  
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- XC. **Search for third-generation scalar leptoquarks decaying to a top quark and a  $\tau$  lepton at  $\sqrt{s}=13$  TeV**  
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- XCI. **Search for additional neutral MSSM Higgs bosons in the tau tau final state in proton-proton collisions at root  $s=13$  TeV**  
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- XCII. **Search for new physics in events with two soft oppositely charged leptons and missing transverse momentum in proton-proton collisions at root  $s=13$  TeV**  
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- XCIII. **Search for a heavy resonance decaying into a Z boson and a vector boson in the  $v(v)\text{over-bar}q(q)\text{over-bar}$  final state**  
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- XCV. **Measurement of differential cross sections for the production of top quark pairs and of additional jets in lepton plus jets events from pp collisions at root  $s=13$  TeV**  
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- XCVI. **Search for high-mass resonances in final states with a lepton and missing transverse momentum at root  $s=13$  TeV**

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**XCVII. Search for lepton flavour violating decays of the Higgs boson to mu tau and e tau in proton-proton collisions at root s=13 TeV**

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**XCVIII. Search for excited quarks of light and heavy flavor in gamma plus jet final states in proton-proton collisions at root s=13 TeV**

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**XCIX. Search for gauge-mediated supersymmetry in events with at least one photon and missing transverse momentum in pp collisions at ,root s=13 TeV**

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**C. Search for pair production of excited top quarks in the lepton plus jets final state The CMS Collaboration**

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PHYSICS LETTERS B, cilt.778, ss.349-370, 2018 (SCI-Expanded)

**CI. Constraintson the double-parton scattering cross section from same-sign W boson pair production in proton-proton collisions at root s=8TeV**

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**CII. Brightness and uniformity measurements of plastic scintillator tiles at the CERN H2 test beam**

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**CIII. Measurements of t(t)over-bar cross sections in association with b jets and inclusive jets and their ratio using dilepton final states in pp collisions at root s=13 TeV**

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PHYSICS LETTERS B, cilt.776, ss.355-378, 2018 (SCI-Expanded)

**CIV. Radioactive source calibration test of the CMS Hadron Endcap Calorimeter test wedge with Phase I upgrade electronics**

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**CV. Search for supersymmetry in events with at least one photon, missing transverse momentum, and large transverse event activity in proton-proton collisions at root s=13TeV**

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**CVI. Measurements of the associated production of a Z boson and b jets in pp collisions at root s=8 TeV**

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- CX. **Measurements of the charm jet cross section and nuclear modification factor in pPb collisions at root  $s_{\text{NN}}=5.02\text{TeV}$**   
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- CXI. **Search for supersymmetry in multijet events with missing transverse momentum in proton-proton collisions at  $13\text{ TeV}$**   
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- CXII. **Search for single production of a heavy vector-like T quark decaying to a Higgs boson and a top quark with a lepton and jets in the final state**  
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