

PUBBLICAZIONI DEL PROF. SABINO MEOLA

- 1) Measurement of transverse momentum relative to dijet systems in PbPb and pp collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV
By CMS Collaboration (Vardan Khachatryan et al.).
arXiv:1509.09029 [nucl-ex].
- 2) Search for the associated production of a Higgs boson with a single top quark in proton-proton collisions at $\sqrt{s} = 8$ TeV
By CMS Collaboration (Vardan Khachatryan et al.).
arXiv:1509.08159 [hep-ex].
- 3) Search for the production of an excited bottom quark decaying to tW in proton-proton collisions at $\sqrt{s} = 8$ TeV
By CMS Collaboration (Vardan Khachatryan et al.).
arXiv:1509.08141 [hep-ex].
- 4) Measurement of the $t\bar{t}$ production cross section in the all-jets final state in pp collisions at $\sqrt{s}=8$ TeV
By CMS Collaboration (Vardan Khachatryan et al.).
arXiv:1509.06076 [hep-ex].
- 5) Search for W^+ to tb in proton-proton collisions at $\sqrt{s} = 8$ TeV
By CMS Collaboration (Vardan Khachatryan et al.).
arXiv:1509.06051 [hep-ex].
- 6) Search for vector-like charge $2/3$ T quarks in proton-proton collisions at $\sqrt{s} = 8$ TeV
By CMS Collaboration (Vardan Khachatryan et al.).
arXiv:1509.04177 [hep-ex].
- 7) Measurement of the top quark mass using proton-proton data at $\sqrt{s} = 7$ and 8 TeV
By CMS Collaboration (Vardan Khachatryan et al.).
arXiv:1509.04044 [hep-ex].
- 8) Measurement of the inelastic cross section in proton-lead collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV
By CMS Collaboration (Vardan Khachatryan et al.).
arXiv:1509.03893 [hep-ex].
- 9) Search for single production of scalar leptoquarks in proton-proton collisions at $\sqrt{s} = 8$ TeV
By CMS Collaboration (Vardan Khachatryan et al.).
arXiv:1509.03750 [hep-ex].
- 10) Search for pair production of first and second generation leptoquarks in proton-proton collisions at $\sqrt{s} = 8$ TeV
By CMS Collaboration (Vardan Khachatryan et al.).
arXiv:1509.03744 [hep-ex].
- 11) Measurement of Differential Cross Sections for Higgs Boson Production in the Diphoton Decay Channel in pp Collisions at $\sqrt{s}=8$ TeV
By CMS Collaboration (Vardan Khachatryan et al.).
arXiv:1508.07819 [hep-ex].
- 12) Search for a Charged Higgs Boson in pp Collisions at $\sqrt{s} = 8$ TeV
By CMS Collaboration (Vardan Khachatryan et al.).
arXiv:1508.07774 [hep-ex].
- 13) Search for supersymmetry in the vector-boson fusion topology in proton-proton collisions at $\sqrt{s} = 8$ TeV
By CMS Collaboration (Vardan Khachatryan et al.).

arXiv:1508.07628 [hep-ex].

14) Study of B Meson Production in pPb Collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV

By CMS Collaboration (Vardan Khachatryan et al.).

arXiv:1508.06678 [nucl-ex].

15) Search for W' decaying to tau lepton and neutrino in proton-proton collisions at $\sqrt{s} = 8$ TeV

By CMS Collaboration (Vardan Khachatryan et al.).

arXiv:1508.04308 [hep-ex].

16) Measurement of the Charge Asymmetry in Top Quark Pair Production in pp Collisions at $\sqrt{s} = 8$ TeV using a Template Method

By CMS Collaboration (Vardan Khachatryan et al.).

arXiv:1508.03862 [hep-ex].

17) Search for Neutral MSSM Higgs Bosons Decaying to $\mu^+ \mu^-$ in pp Collisions at $\sqrt{s} = 7$ and 8 TeV

By CMS Collaboration (Vardan Khachatryan et al.).

arXiv:1508.01437 [hep-ex].

18) Search for Supersymmetry with a Photon, a Lepton, and Missing Transverse Momentum in pp Collisions at $\sqrt{s} = 8$ TeV

By CMS Collaboration (Vardan Khachatryan et al.).

arXiv:1508.01218 [hep-ex].

19) Angular analysis of the decay $B^0 \rightarrow K^{*0} \mu^+ \mu^-$ from pp collisions at $\sqrt{s} = 8$ TeV

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20) Measurement of the CP-violating weak phase ϕ_s and the decay width difference $\Delta\Gamma_s$ using the $B^0_s \rightarrow J/\psi \phi(1020)$ decay channel in pp collisions at $\sqrt{s} = 8$ TeV

By CMS Collaboration (Vardan Khachatryan et al.).

arXiv:1507.07527 [hep-ex].

21) Measurement of the underlying event activity using charged-particle jets in proton-proton collisions at $\sqrt{s} = 2.76$ TeV

By CMS Collaboration (Vardan Khachatryan et al.).

arXiv:1507.07229 [hep-ex].

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22) Search for pair-produced vector-like B quarks in proton-proton collisions at $\sqrt{s} = 8$ TeV

By CMS Collaboration (Vardan Khachatryan et al.).

arXiv:1507.07129 [hep-ex].

23) Limits on the Higgs boson lifetime and width from its decay to four charged leptons

By CMS Collaboration (Vardan Khachatryan et al.).

arXiv:1507.06656 [hep-ex].

24) Pseudorapidity distribution of charged hadrons in proton-proton collisions at $\sqrt{s} = 13$ TeV

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

By CMS Collaboration (Vardan Khachatryan et al.).

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By CMS Collaboration (Vardan Khachatryan et al.).
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- 28) Search for supersymmetry with photons in pp collisions at $\sqrt{s} = 8$ TeV
By CMS Collaboration (Vardan Khachatryan et al.).
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- 29) Search for exotic decays of a Higgs boson into undetectable particles and photons
By CMS Collaboration (Vardan Khachatryan et al.).
arXiv:1507.00359 [hep-ex].
- 30) Production of leading charged particles and leading charged-particle jets at small transverse momenta in pp collisions at $\sqrt{s} = 8$ TeV
By CMS Collaboration (Vardan Khachatryan et al.).
arXiv:1507.00233 [hep-ex].
- 31) Search for Neutral MSSM Higgs Bosons Decaying into A Pair of Bottom Quarks
By CMS Collaboration (Vardan Khachatryan et al.).
arXiv:1506.08329 [hep-ex].
- 32) Kloe Recent Results: a Review
By Antonio De Santis et al..
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- 33) Search for Resonant $\mathrm{t} \bar{\mathrm{t}}$ Production in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV
By CMS Collaboration (Vardan Khachatryan et al.).
arXiv:1506.03062 [hep-ex].
- 34) Search for Diphoton Resonances in the Mass Range from 150 to 850 GeV in pp Collisions at $\sqrt{s} = 8$ TeV
By CMS Collaboration (Vardan Khachatryan et al.).
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- 35) Search for A Massive Resonance Decaying into a Higgs Boson and a W or Z Boson in Hadronic Final States in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV
By CMS Collaboration (Vardan Khachatryan et al.).
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- 36) Search for the standard model Higgs boson produced through vector boson fusion and decaying to $b \bar{b}$
By CMS Collaboration (Vardan Khachatryan et al.).
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By CMS Collaboration (Vardan Khachatryan et al.).
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By CMS Collaboration (Vardan Khachatryan et al.).

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40) Measurement of the Differential Cross Section for Top Quark Pair Production in pp Collisions at $\sqrt{s} = 8 \text{ TeV}$

By CMS Collaboration (Vardan Khachatryan et al.).

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41) Search for a pseudoscalar boson decaying into a Z boson and the 125 GeV Higgs boson in $\ell^+\ell^-\bar{b}\overline{b}$ final states

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52) Measurement of the K^0_{S} Branching Ratio with the KLOE detector
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By CMS Collaboration (Vardan Khachatryan et al.).
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59) Measurement of the $Z\gamma$ Production Cross Section in pp Collisions at 8 TeV and Search for Anomalous Triple Gauge Boson Couplings
By CMS Collaboration (Vardan Khachatryan et al.).
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