

Сведения об официальном оппоненте

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Список основных публикаций официального оппонента за последние 5 лет

1. S.V. Afanasiev, Y.V. Ershov, I.A. Golutvin et al., "LIGHT YIELD MEASUREMENTS OF "FINGER" STRUCTURED AND UNSTRUCTURED SCINTILLATORS AFTER GAMMA AND NEUTRON IRRADIATION", Nucl. Inst. Meth. A. 818 (2016) 26-31.
2. V. Khachatryan, ..., I.A. Golutvin et al. (CMS-HCAL Collab.), "Dose rate effects in the radiation damage of the plastic scintillators of the CMS hadron endcap calorimeter", JINST 11 (2016) T10004.
3. S. Chatrchyan, ..., I.A. Golutvin et al. (CMS Collab.), "Description and performance of track and primary-vertex reconstruction with the CMS tracker", JINST 9 (2014) P10009.
4. S. Chatrchyan, ..., I.A. Golutvin et al. (CMS Collab.), "Alignment of the CMS tracker with LHC and cosmic ray data", JINST 9 (2014) P06009.
5. S.V. Afanasiev, I.A. Golutvin et al., "Improvement of radiation hardness of the sampling calorimeters based on plastic scintillators", Nucl. Inst. Meth. A. 717 (2013) 11-13.
6. S. Chatrchyan, ..., I.A. Golutvin et al. (CMS Collab.), "Identification of b-quark jets with the CMS experiment", JINST 8 (2013) P04013.
7. S. Chatrchyan, ..., I.A. Golutvin et al. (CMS Collab.), "Study of the Mass and Spin-Parity of the Higgs Boson Candidate via Its Decays to Z Boson Pairs", Phys. Rev. Lett. 110 (8) (2013) 081803.
8. S. Chatrchyan, ..., I.A. Golutvin et al. (CMS Collab.), "Measurement of the $B_s(0) \rightarrow \mu^+\mu^-$ Branching Fraction and Search for $B^0 \rightarrow \mu^+\mu^-$ with the CMS Experiment", Phys. Rev. Lett. 111 (10) (2013), 101804.
9. S. Chatrchyan, ..., I.A. Golutvin et al. (CMS Collab.), "Observation of a new boson at a mass of 125 GeV with the CMS experiment at the LHC", Phys. Lett. B 716 (2012) 30-61.
10. S. Chatrchyan, ..., I.A. Golutvin et al. (CMS Collab.), "Performance of CMS muon reconstruction in pp collision events at 7 TeV", JINST 7 (2012) P10002.
11. V. Khachatryan, ..., I.A. Golutvin et al. (CMS Collab.), "Technical Proposal for the Phase-II upgrade of the CMS", CERN-LHCC-2015-010; LHCC-P-008; CMS-TDR-15-02; Kostarakis Scientific Products and Services, Greece, ISBN 978-92-9083-417-5, 469 p.
12. V. Khachatryan, ..., I.A. Golutvin et al. (CMS Collab.), "CMS Technical Design Report for the Muon Endcap GEM Upgrade", CERN-LHCC-2015-012; CMS-TDR-013; Kostarakis Scientific Products and Services, Greece, ISBN 978-92-9083-396-3, 212 p.
13. V. Khachatryan, ..., I.A. Golutvin et al. (CMS Collab.), "Technical Design Report for CMS-TOTEM Precision Proton Spectrometer", CERN-LHCC-2014-021; CMS-TDR-013; TOTEM-TDR-003; ISBN 978-92-9083-406-9.

14. V. Khachatryan, ..., I.A. Golutvin et al. (CMS Collab.), "CMS Technical Design Report for the Level-1 Trigger Upgrade", CERN-LHCC-2013-011; CMS-TDR-12; ScientificTextbook Publishing, ISBN 978-92-9083-390-1, 195 p.
15. V. Khachatryan, ..., I.A. Golutvin et al. (CMS Collab.), "CMS Technical Design Report for the Phase 1 Upgrade of the Hadron Calorimeter", CERN-LHCC-2012-015; CMS-TDR-010; ISBN 978-92-9083-381-9.
16. V. Khachatryan, ..., I.A. Golutvin et al. (CMS Collab.), "CMS Technical Design Report for the Pixel Detector Upgrade", CERN-LHCC-2012-016; CMS-TDR-011; ISBN 978-92-9083-380-2, 239 p.