

List of publications

- [1] J. Kopal, on behalf of TOTEM collaboration, Totem Trigger System, International Conference on Applied Electronics 2013, ISSN: 1803-7232, Print ISBN: 978-80-261-0166-6, <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6636498>
- [2] J. Kopal, on behalf of TOTEM collaboration Totem Trigger System - Firmware, 14th ICATPP Conference on Astroparticle, Particle, Space Physics and Detectors for Physics Applications, Como, Italy, (2013), DOI: 10.1142/9789814603164_0118
- [3] Aspell, P.; Avati, V. ; Bialas, W.; Kaspar, J.; Kopal, J.; Petäjäljärvi, J.; Radicioni, E.; Rouet, J.; Snoeys, W.; Vichoudis, P, The VFAT Production Test Platform for the TOTEM Experiment, Topical Workshop on Electronics for Particle Physics, Naxos, Greece, 15 - 19 Sep 2008, pp.544-548, <https://cds.cern.ch/record/1159891/files/p544.pdf>
- [4] TOTEM Collaboration (74 authors), Proton-proton elastic scattering at the LHC energy of $\sqrt{s} = 7$ TeV, Europhys. Lett., 95, 41001, (2011), <http://inspirehep.net/record/922651>
- [5] TOTEM Collaboration (74 authors), First measurement of the total proton-proton cross section at the LHC energy of $\sqrt{s} = 7$ TeV, Europhys. Lett., 96, 21002, (2011), <http://inspirehep.net/record/930960>, CERN-PH-EP-2011-158, 24-SEPTEMBER-2011
- [6] TOTEM Collaboration (74 authors), Measurement of the forward charged-particle pseudorapidity density in pp collisions at $\sqrt{s} = 7$ TeV with the TOTEM experiment, Europhys. Lett., 98, 31002, (2012), <http://inspirehep.net/record/1115294>
- [7] TOTEM Collaboration (74 authors), Measurement of proton-proton elastic scattering and total cross-section at $\sqrt{s} = 7$ TeV, Europhys. Lett., 101, 21002, (2013), <http://inspirehep.net/record/1220862>, CERN-PH-EP-2012-239
- [8] TOTEM Collaboration (74 authors), Measurement of proton-proton inelastic scattering cross-section at $\sqrt{s} = 7$ TeV, Europhys. Lett., 101, 21003, (2013), <http://inspirehep.net/record/1220863>, CERN-PH-EP-2012-352
- [9] TOTEM Collaboration (74 authors), Luminosity-independent measurements of total, elastic and inelastic cross-sections at $\sqrt{s} = 7$ TeV, Europhys. Lett., 101, 21004, (2013), <http://inspirehep.net/record/1220864>



- [10] TOTEM Collaboration (74 authors), A luminosity-independent measurement of the proton-proton total cross-section at $\sqrt{s} = 8$ TeV, Phys. Rev. Lett., 111, 012001, (2013), American Physical Society, <http://link.aps.org/doi/10.1103/PhysRevLett.111.012001>
- [11] TOTEM Collaboration (74 authors), Double diffractive cross-section measurement in the forward region at LHC, CERN, Geneva, (Aug 2013), <http://cds.cern.ch/record/1595226>, CERN-PH-EP-2013-170
- [12] Baechler, J. and others(75 authors), Status of the TOTEM experiment at LHC, Nuclear Instruments and Methods in Physics Research A, 718,21-25, (2013), issn 0168-9002, <http://inspirehep.net/record/1250181>
- [13] TOTEM Collaboration (74 authors), Measurement of the forward charged particle pseudorapidity density in pp collisions at $\sqrt{s} = 8$ TeV, CERN, Geneva, (June 2013), <http://cds.cern.ch/record/1554282?ln=en>, CERN-TOTEM-NOTE-2013-001
- [14] TOTEM Collaboration (74 authors), Performance of the Totem Detectors at the LHC, CERN, Geneva, (Sep 2013), CERN-PH-EP-2013-173
- [15] TOTEM Collaboration (74 authors), TOTEM Upgrade Proposal, CERN, Geneva, CERN-LHCC-2013-009, LHCC-P-007, (Jun 2013), <http://cds.cern.ch/record/1554299>

