

# Publications

- I. Osborne, G. Alverson, G. Eulisse, S. Muzaffar, L. Taylor, L. Tuura, N. Amapane, R. Bellan, G. Cerminara, D. Giordano, N. Neumeister, C. Liu, G. Masetti, M. Mennea, G. Zito, I. Segoni,  
*CMS Event Display and Data Quality Monitoring at LHC Start-up*,  
In Proceedings of the International Conference on Computing in High Energy Physics (CHEP) 2007, Victoria, Canada, September 2 - 7, 2007.
- The CMS Collaboration,  
*The CMS experiment at the CERN LHC*,  
J. Inst. 2 No 01 (2008) P01006.
- The CMS Collaboration,  
*CMS Physics Technical Design Report (Vol II)*,  
J. Phys. G: Nucl. Part. Phys. 34 995-1579 (2007).
- W. Adam, N. Neumeister, et al., (CMS Trigger and Data Acquisition Group),  
*The CMS High Level Trigger*,  
European Physical Journal C, 46:605-667, (2006).
- C. Liu, N. Neumeister,  
*Reconstruction of Cosmic and Beam Halo Muons*,  
CMS Note/2008-001. EPJ C DOI 10.1140/epjc/s10052-008-0674-7
- M. Chen, C. Liu, N. Neumeister, et al.,  
*Measurement of the Charge Ratio in Cosmic Rays using Global Muon Reconstruction in CRAFT Data*,  
CMS AN-2009/102.
- M. Chen, A. Everett, C. Liu, N. Neumeister, et al.,  
*Search for New High-Mass Resonances Decaying to Muon Pairs in the CMS Experiment*,  
CMS AN-2007/038.
- N. Adam, A. Everett, C. Liu, N. Neumeister, et al.,  
*Measurement of the inclusive  $W \rightarrow \mu \nu$  and  $Z \rightarrow \mu \mu$  cross sections in pp collisions at  $\sqrt{s} = 14$  TeV*,  
CMS AN-2007/031.
- C. Leonidopoulos, A. Everett, C. Liu, N. Neumeister, et al.,  
*CMS High Level Trigger*,  
CMS Note/2007-009.
- I. Belotelov, I. Golutvin, A. Lanyov, E. Rogalev, S. Shmatov, J. Fernandez de Troconiz, I. Mikulec, N. Neumeister, V. Valuev,  
*Influence of misalignment scenarios on muon reconstruction*,  
CMS Note/2006-017.
- E. James, Y. Maravin, M. Mulders, N. Neumeister,  
*Muon Identification in CMS*,  
CMS Note/2006-010.
- The CMS Collaboration,  
*The CMS Magnet Test and Cosmic Challenge (MTCC Phase I and II) Operational Experience and Lessons Learnt*,  
CMS Note/2007-005, CERN/LHCC 2007-011.
- The CMS Collaboration,  
*CMS Computing, Software and Analysis Challenge in 2006 (CSA06) Summary*,  
CMS Note/2007-006, CERN/LHCC 2007-010.
- CMS Collaboration,  
*CMS High Level Trigger*,  
CERN/LHCC 2007-021 (2007).
- CMS Collaboration,  
*CMS Computing, Software and Analysis Challenge in 2006 (CSA06)*,  
CMS Note 2007/006, CERN/LHCC 2007-010 (2007).
- CMS Collaboration,  
*The CMS Magnet Test and Cosmic Challenge (MTTC)*,  
CMS Note 2007/005, CERN/LHCC 2007-011 (2007).
- CMS Collaboration,  
*High Density QCD with Heavy Ions PTDR Addendum*,  
CERN/LHCC 2007-009 (2007).

- CMS Collaboration,  
*CMS Physics Technical Design Report, Volumes 1 and 2*,  
CERN/LHCC 2006-001 (2006) and 2006-021 (2006).