

# Computing Publications with Major Personal Contributions

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- A.A. Alves Jr et al., **A Roadmap for HEP Software and Computing R&D for the 2020s**, (2017), arXiv:[1712.06982](#) [[physics.comp-ph](#)]
- L. Bauerdick et al., **Experience in using commercial clouds in CMS**, *J. Phys. Conf. Ser.* 898 (2017) 052019, doi:[10.1088/1742-6596/898/5/052019](#)
- O. Gutsche et al., **CMS Analysis and Data Reduction with Apache Spark**, in: **18th International Workshop on Advanced Computing and Analysis Techniques in Physics Research (ACAT 2017) Seattle, WA, USA, August 21-25, 2017**, 2017. <http://lss.fnal.gov/archive/2017/conf/fermilab-conf-17-465-cd.pdf>, arXiv:[1711.00375](#) [[cs.DC](#)]
- O. Gutsche et al., **Big Data in HEP: A comprehensive use case study**, *J. Phys. Conf. Ser.* 898 (2017) 072012, doi:[10.1088/1742-6596/898/7/072012](#), arXiv:[1703.04171](#) [[cs.DC](#)]
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- S. Habib et al., **ASCR/HEP Exascale Requirements Review Report**, (2016), arXiv:[1603.09303](#) [[physics.comp-ph](#)]
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- J. Adelman et al., **CMS computing operations during run 1**, *J. Phys. Conf. Ser.* 513 (2014) 032040, doi:[10.1088/1742-6596/513/3/032040](#)
- S. Belforte et al., **Evolution of the pilot infrastructure of CMS: towards a single glideinWMS pool**, *J. Phys. Conf. Ser.* 513 (2014) 032041, doi:[10.1088/1742-6596/513/3/032041](#)
- S. Campana et al., **Deployment of a WLCG network monitoring infrastructure based on the perfSONAR-PS technology**, *J. Phys. Conf. Ser.* 513 (2014) 062008, doi:[10.1088/1742-6596/513/6/062008](#)
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- Full List of Physics Publications with Major Personal Contributions can be found [here](#).
  - Full List of Publications from all Collaborations and Experiments can be found [here](#).