

Computing Publication list

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]

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]

B. Holzman et al., **HEPCloud, a New Paradigm for HEP Facilities: CMS Amazon Web Services Investigation**, *Comput. Softw. Big Sci.* 1 (2017) 1, doi:10.1007/s41781-017-0001-9, arXiv:1710.00100 [cs.DC]

S. Habib et al., **ASCR/HEP Exascale Requirements Review Report**, (2016), arXiv:1603.09303 [physics.comp-ph]

G. Garzoglio et al., **Diversity in Computing Technologies and Strategies for Dynamic Resource Allocation**, *J. Phys. Conf. Ser.* 664 (2015) 012001, doi:10.1088/1742-6596/664/1/012001

T. LeCompte et al., **High Energy Physics Forum for Computational Excellence: Working Group Reports (I. Applications Software II. Software Libraries and Tools III. Systems)**, (2015), arXiv:1510.08545 [physics.comp-ph]