

# Computing Publications with Major Personal Contributions

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- J. Albrecht et al., **A Roadmap for HEP Software and Computing R&D for the 2020s**, *Comput. Softw. Big Sci.* 3 (2019) 7, doi:[10.1007/s41781-018-0018-8](https://doi.org/10.1007/s41781-018-0018-8), arXiv:[1712.06982](https://arxiv.org/abs/1712.06982) [[physics.comp-ph](#)]
- M. Cremonesi et al., **Using Big Data Technologies for HEP Analysis**, (2019), arXiv:[1901.07143](https://arxiv.org/abs/1901.07143) [[cs.DC](#)]
- L. Bauerdick et al., **HEP Software Foundation Community White Paper Working Group - Data Analysis and Interpretation**, (2018), arXiv:[1804.03983](https://arxiv.org/abs/1804.03983) [[physics.comp-ph](#)]
- M. Bellis et al., **HEP Software Foundation Community White Paper Working Group – Visualization**, (2018), arXiv:[1811.10309](https://arxiv.org/abs/1811.10309) [[physics.comp-ph](#)]
- D. Berzano et al., **HEP Software Foundation Community White Paper Working Group – Data Organization, Management and Access (DOMA)**, (2018), arXiv:[1812.00761](https://arxiv.org/abs/1812.00761) [[physics.comp-ph](#)]
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- O. Gutsche et al., **CMS Analysis and Data Reduction with Apache Spark**, *J. Phys. Conf. Ser.* 1085 (2018) 042030, doi:[10.1088/1742-6596/1085/4/042030](https://doi.org/10.1088/1742-6596/1085/4/042030), arXiv:[1711.00375](https://arxiv.org/abs/1711.00375) [[cs.DC](#)]
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- 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](https://doi.org/10.1088/1742-6596/898/7/072012), arXiv:[1703.04171](https://arxiv.org/abs/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](https://doi.org/10.1007/s41781-017-0001-9), arXiv:[1710.00100](https://arxiv.org/abs/1710.00100) [[cs.DC](#)]
- S. Habib et al., **ASCR/HEP Exascale Requirements Review Report**, (2016), arXiv:[1603.09303](https://arxiv.org/abs/1603.09303) [[physics.comp-ph](#)]
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- D. Spiga et al., **CRAB: The CMS distributed analysis tool development and design**, *Nucl. Phys. Proc. Suppl.* 177-178 (2008) 267–268, doi:[10.1016/j.nuclphysbps.2007.11.124](https://doi.org/10.1016/j.nuclphysbps.2007.11.124)
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