List of presentation and talks

O. Gutsche, **Data Organisation, Management and Access (DOMA) in High Energy Physics**, (2017), Talk at the Workshop for Data Organisation, Management and Access (DOMA) in Astronomy, Genomics and High Energy Physics (DOMA2017), (Material)

O. Gutsche, **The Future of Large Scale Scientific Computing**, (2017), Colloquium given at the Department of Physics and Astronomy at Texas Tech University, (Material)

O. Gutsche, **Particle Physics - A world wide journey from recording particles to analysis using big computing**, (2017), Plenary Talk at the Chicago Council on Science & Technology Panel: Fermilab and the New Frontiers of Physics, (Material)

O. Gutsche, **CMS Analysis and Data Reduction with Apache Spark**, (2017), Parallel Session Talk at the 18th International Workshop on Advanced Computing and Analysis Techniques in Physics Research (ACAT 2017), (Material)

O. Gutsche, **50 years Fermilab - Computing Innovations**, (2017), Talk at the Fermilab 50th Anniversary Symposium, (Material)

O. Gutsche, **Status and Plans of the CMS Big Data Project**, (2017), Talk at the CERN Database Futures Workshop 2017, (Material)

O. Gutsche, **Data Management, Access and Organisation (DOMA)**, (2017), Summary Talk at the 2nd S2I2 HEP/CS Workshop, (Material)

O. Gutsche, **Data Analytics in Physics Data Reduction**, (2017), Talk at the CERN openlab Workshop on Machine Learning and Data Analytics 2017, (Material)

O. Gutsche, **Panel Discussion on the S2I2 Conceptualization for HL-LHC**, (2017), Talk at the Openscience Grid All Hands Meeting (OSG AHM 2017), (Material)

O. Gutsche, **The Fermilab HEPCloud, or How to add 240 TFlops in an Hour or Two**, (2017), Talk at HEP Software Foundation Workshop, (Material)

O. Gutsche, **Intel Big Data Project: CMS Physics Data Reduction Use Case**, (2016), Talk at the CERN openlab Technical Workshop 2016, (Material)

O. Gutsche, **Big Data in HEP: a Comprehensive Use Case Study**, (2016), Parallel Session Talk at 22nd International Conference on Computing in High Energy and Nuclear Physics (CHEP 2016), (Material)

O. Gutsche, **Big Data at FNAL**, (2016), Plenary Talk given at the 8th INFIERI Workshop, (Material)

O. Gutsche, **Amazon and the Future of Computing**, (2016), Ask-A-

Scientist Lecture given to the general public at Fermi National Accelerator Laboratory, (Material)

O. Gutsche, **Exascale and Exabytes: Future directions in HEP software and computing**, (2015), Seminar given at Center of Research Computing Seminar Series the University of Notre Dame, (Material)

O. Gutsche, **Exascale and Exabytes - Computing at Fermilab for LHC and Intensity Frontier**, (2015), Seminar given at the University Los Andes in Bogota, Colombia, (Material)

O. Gutsche, **Future directions in HEP Software and Computing**, (2015), Plenary talk given at the Meeting of the Division of Particles & Fields of the American Physical Society at the University of Michigan (DPF2015), (Material)

O. Gutsche, **Diversity in Computing Technologies and Strategies for Dynamic Resource Allocation**, (2015), Plenary talk given at the Conference for Computing in High Energy Physics (CHEP2015), Okinawa, Japan , (Material)

O. Gutsche, **CMS Computing Operations: Outlook on LHC Run 2**, (2015), Talk given at the Openscience Grid All Hands Meeting 2015 at Northwestern University (OSGAHM2015), (Material)

O. Gutsche, **Computing Facilities and Services**, (2015), Talk given at the Fermilab Institutional Review 2015, (Material)

O. Gutsche, **Scientific Computing**, (2014), Plenary talk given at the 47th Annual Fermilab Users Meeting, (Material)

O. Gutsche, **CMS computing operations: the year ahead**, (2014), Talk given at the Openscience Grid All Hands Meeting 2014 at SLAC (OSGAHM2014), (Material)

O. Gutsche, **Recent Top Pair Asymmetry Measurements at CMS**, (2014), Seminar given at the Fermilab Joint Experimental-Theoretical Physics Seminar, (Material)

O. Gutsche, **Computing: From Data to Physics**, (2013), Ask-A-Scientist Lecture given to the general public at Fermi National Accelerator Laboratory, (Material)

O. Gutsche, **Measurement of top quark properties with CMS**, (2013), Parallel session talk given at the 19th International Symposium on Particles, Strings, and Cosmology (PASCOS2013), Taipei, Taiwan, (Material)

O. Gutsche, **CMS: T2 dynamic data placement and plans for T2 disk space handling**, (2013), Plenary talk given at the 2013 WLCG Collaboration Workshop in Copenhagen, Denmark, (Material)

O. Gutsche, **CMS: Disk/Tape Separation**, (2013), Plenary talk given at the

2013 WLCG Collaboration Workshop in Copenhagen, Denmark, (Material)

O. Gutsche, **Computing Support Facilities**, (2013), Talk given at the 2013 Fermi National Accelerator Laboratory Annual Science and Technology Review, (Material)

O. Gutsche, **CMS computing operations in LHC run 1**, (2013), Parallel session talk given at the 2013 Conference for Computing in High Energy Physics (CHEP2013), Amsterdam, The Netherlands, (Material)

O. Gutsche, **CMS Production Transfer Case Study**, (2013), Talk given at the 2013 Department of Energy ESNet Requirements Review, (Material)

O. Gutsche, **Summary of CMS Operations Procedures**, (2012), Talk given at the WLCG Collaboration Workshop 2012, (Material)

O. Gutsche, **Summary of Event Processing Track**, (2010), Plenary talk given at the conference for Computing in High Energy and Nuclear Physics 2010 (CHEP2010) in Taipei (Taiwan), (Material)

O. Gutsche, **Validation of software releases for CMS**, (2009), Parallel session talk given at the conference for Computing in High Energy and Nuclear Physics 2009 (CHEP2009) in Prague, Czech Republic, (Material)

O. Gutsche, **Dilepton Final States Studies at CMS: From the Standard Model to New Physics**, (2009), Talk given at the LHC and Dark Matter Workshop at the University of Michigan in Ann Arbor, MI, (Material)

O. Gutsche, **WLCG scale testing during CMS data challenges**, (2007), Parallel session talk given at the conference for Computing in High Energy and Nuclear Physics 2007 (CHEP2007) in Victoria, Canada, (Material)

O. Gutsche, **Distributed CMS Analysis on the Open Science Grid**, (2006), Parallel session talk given at the conference for Computing in High Energy and Nuclear Physics 2006 (CHEP2006) in Mumbai, India, (Material)