

Susanne Westhoff

CONFERENCE AND WORKSHOP TALKS

- June 13, 2019 Invisibles 2019
Valencia, Spain
“Dark matter searches with long-lived particles”
- May 28, 2019 5th Workshop of the LHC LLP Community
CERN, Switzerland
“Dark matter searches with soft displaced particles”
- May 7, 2019 Phenomenology Symposium 2019
Pittsburgh, USA
“Spotting hidden sectors with Higgs binoculars”
- March 19, 2019 CRC Kickoff Workshop
KIT Karlsruhe, Germany
“New Physics in Top-Quark Observables”
- December 12, 2018 BELLE-II Hackathon
KIT Karlsruhe, Germany
“Tau Polarimetry in B decays”
- October 4, 2018 Heavy Quarks through the Looking Glass
Siegen, Germany
“Tau Polarimetry in B decays”
- September 25, 2018 The 15th International Workshop on Tau Lepton Physics
Amsterdam, Netherlands
“Exploiting Tau Polarization in $B \rightarrow D\tau\nu$ ”
- July 24, 2018 SUSY 2018
Barcelona, Spain
“Dark matter from electroweak single-top production”
- May 7, 2018 Phenomenology Symposium 2018
Pittsburgh, USA
“Dark matter from electroweak single-top production”
- April 12, 2018 Standard Model @ LHC 2018
Humboldt University, Berlin, Germany
Invited plenary talk *“New Physics in the Top Sector”*

February 7, 2018	CMS week CERN, Geneva, Switzerland Invited talk “ <i>Top properties from a different angle</i> ”
January 8-19, 2018	Second Colima Winter School on High Energy Physics Colima, Mexico Three lectures “ <i>Introduction to dark matter</i> ”
September 19, 2017	GGI workshop “Collider Physics and the Cosmos” Florence, Italy “ <i>Virtual signatures of dark sectors in Higgs couplings</i> ”
June 14, 2017	MITP workshop “The TeV Scale: a Threshold to New Physics?”, Mainz, Germany “ <i>Indirect collider searches for dark sectors</i> ”
May 17 - 19, 2017	Instant workshop on B meson anomalies CERN, Geneva, Switzerland Invited talk “ <i>Kinematic distributions of semi-leptonic B decays</i> ”
May 8 - 10, 2017	Phenomenology Symposium 2017, Pittsburgh, PA, USA “ <i>Tau properties in B decays from final-state kinematics</i> ”
Apr 18 - 21, 2017	Portoroz 2017, Portoroz, Slovenia Invited plenary talk “ <i>Tau polarizations in $B \rightarrow D\tau\nu$ decays from final-state kinematics</i> ”
Nov 28 - Dec 2, 2016	CKM 2016, TIFR, Mumbai, India Invited overview talk “ <i>Top Charge Asymmetries</i> ”
Oct 5, 2016	Symposium at the ATLAS-D meeting 2016, Heidelberg, Germany Invited plenary talk “ <i>The Top Window to New Physics</i> ”
Sep 27-30, 2016	DESY Theory Workshop “Rethinking Quantum Field Theory”, Hamburg, Germany Invited talk “ <i>Observing the Top Energy Asymmetry at the LHC</i> ”
July 4-15, 2016	CETUP workshop “Dark Matter Physics”, Lead, SD, USA Invited talk “ <i>Second Run for Higgs-Portal Dark Matter at the LHC</i> ”
May 9-11, 2016	Phenomenology Symposium 2016, Pittsburgh, PA, USA “ <i>Into this furnace: A heat-proof top charge asymmetry for the LHC</i> ”

- May 3-6, 2016 SM@LHC Workshop, Pittsburgh, PA, USA
Workshop summary “*Top & Flavor Working Group*”
- Apr 28-30, 2016 DELTA Workshop, Heidelberg, Germany
Invited talk “*Top (Quark) Physics at the LHC*”
- Mar 12-19, 2016 51st Rencontres de Moriond EW, La Thuile, Italy
Invited talk “*Probing Dark Matter at the LHC Through Weakly Interacting Mediators*”
- Oct 7 - 9, 2015 FCC Workshop “QCD, EW and tools at 100 TeV”, CERN, Geneva, Switzerland
Invited talk “*Top-Quark Parton Distributions*”
- Sep 29 - Oct 2, 2015 DESY Theory Workshop, Hamburg, Germany
“*Integrating in the Higgs Portal to Fermion Dark Matter*”
- Mar 9 - 13, 2015 DPG Spring Meeting, Wuppertal, Germany
Invited plenary talk “*Top-Quarks: Heavyweights in New Physics Searches*”
- Jul 21 - 24, 2014 5th International Symposium on Lepton Moments, Cape Cod, USA
Invited talk “*Testing the muon $g-2$ anomaly at the LHC*”
- Jul 15 - 18, 2014 XIV International Symposium on Frontiers of Fundamental Physics, Marseille, France
Invited key talk “*The Top-Quark Charge Asymmetry – Testing Strong Interactions and More*”
- Sep 14 - 19, 2013 Top 2013 – 6th International Workshop on Top Quark Physics, Durbach, Germany
Invited talk “*Theory Status of the Top-Quark Charge Asymmetry*”
- Jul 8 - 12, 2013 KITP workshop “LHC – The First Part of the Journey”, Santa Barbara, CA, USA
Invited talk “*Top Pairs and a Jet at the LHC*”
- Apr 15 - 18, 2013 Portorož Workshop 2013 “Probing the Standard Model and New Physics at Low and High Energies”, Portorož, Slovenia
Invited talk “*The Top-Quark Charge Asymmetry with a Jet Handle*”
- May 28 - Jun 1, 2012 PLANCK 2012, Warsaw, Poland
“*Squeezed New Physics in Top-Quark Pair Production*”

- May 7 - 9, 2012 PHENO 2012, Pittsburgh, USA
“Squeezed New Physics in Top-Quark Pair Production”
- Oct 19 - 21, 2011 Brookhaven Forum 2011, Upton, NY, USA
“Massive Gluons in Top-Quark Pair Production”
- Jul 21 - 27, 2011 EPS-HEP 2011, Grenoble, France
 Invited talk *“The Top-Quark Forward-Backward Asymmetry”*
- Apr 11 - 14, 2011 Portorož Workshop 2011 “The Role of Heavy Fermions in Fundamental Physics”, Portorož, Slovenia
 Invited talk *“Massive Colour-Octet Bosons in Top-Quark Pair Production”*
- Mar 13 - 20, 2011 Rencontres de Moriond EW, La Thuile, Italy
 Invited talk *“Top-Quark Forward-Backward Asymmetry in Randall-Sundrum Models”*
- Nov 8 - 12, 2010 Workshop on “Flavor Physics in the LHC Era”, Nanyang Technical University, Singapore
“Top-Quark Forward-Backward Asymmetry in Randall-Sundrum Models”
- Nov 30 - Dec 4, 2009 SuperB Workshop, LNF Frascati, Italy
 Invited talk *“Charged-Higgs Effects in $B \rightarrow D\tau\nu$ ”*
- Jun 5 - 10, 2009 SUSY ‘09, Northeastern University, Boston, MA, USA
“Probing Yukawa Unification with K and B Mixing”
- Sep 9 - 13, 2008 CKM Workshop, Rome, Italy
“Charged Higgs Bosons in $B \rightarrow D\tau\nu$: Differential Distributions”
- Nov 4 - 10, 2007 Workshop on Flavour Dynamics, Albufeira, Portugal
“Charged-Higgs Effects in Semileptonic $B \rightarrow \tau$ Decays”