

# Alejandro Celis

## —— Talks at Conferences and Workshops

- *Standard Model Extended by a Heavy Singlet: Linear vs. Nonlinear EFT*,  
European Physical Society Conference on High Energy Physics (EPS-HEP), Venice, July 5-12, 2017.
- *Sensitivity to scalar contributions in  $b \rightarrow c(u)\tau\nu$  decays*,  
European Physical Society Conference on High Energy Physics (EPS-HEP), Venice, July 5-12, 2017.
- *Implications of Higgs data for the EW chiral Lagrangian*,  
28th Rencontres de Blois, Blois, Paris, May 29 - June 3, 2016.
- *A new class of nonuniversal  $Z'$  models*,  
LHC-ski 2016 A first discussion of 13 TeV results, Obergurgl University Center, Tirol, Austria, April 2016.
- *Violation of Lepton Universality in B-Meson Decay*,  
The Standard Theory and Beyond in the LHC Era -2015, Albufeira, Portugal, October, 2015.
- *A flavoured invisible axion*,  
Portoroz 2015: Particle Phenomenology From the Early Universe to High Energy Colliders, Slovenia, April, 2015.
- *Aligned two-Higgs-doublet model*,  
50th Rencontres de Moriond EW 2015, La Thuile, Italy, March, March, 2015.
- *Disentangling new physics contributions in LFV tau decays*,  
ICHEP 2014, Valencia, Spain, July 4, 2014.
- *Status of  $B \rightarrow D^{(*)}\tau\nu$  decays in two-Higgs-doublet models*,  
European Physical Society Conference on High Energy Physics, EPSHEP 2013, Stockholm, Sweden, 18-24 July, 2013.
- *Looking for New Physics in  $B \rightarrow D^{(*)}\tau\nu$  decays*,  
XXXIV Reunion Bienal de la Real Sociedad Española de Física, Valencia, Spain, July, 2013.
- *Phenomenology of Two-Higgs-Doublet Models at the LHC*,  
Brookhaven Forum 2013: Exploring Fundamental Interactions in the Higgs Era, Brookhaven National Laboratory, Upton, NY- May 1-3, 2013.
- *$B \rightarrow D^{(*)}\tau\nu$  decays in the 2HDM*,  
Discrete 2012, Lisbon, Portugal, December 2012.  
IV CPAN days, Granada, Spain, November 2012.
- *$B \rightarrow D^{(*)}\tau\nu$  Decays*,  
International School Cargese 2012: Across the TeV frontier with the LHC, Cargese, France, 2012.

## ■ Presentation of Scientific Posters

- *Standard Model Extended by a Heavy Singlet: Linear vs. Nonlinear EFT*,  
LMU Science Fair Physik 2017, Munich, Germany, June 2017.
- *DsixTools: The Standard Model Effective Field Theory Toolkit*,  
The 15th meeting of Flavor Physics & CP Violation, Prague Czech Republic, June 2017.
- *Standard Model Extended by a Heavy Singlet: Linear vs. Nonlinear EFT*,  
The Fifth Annual Large Hadron Collider Physics (LHCP2017), Shanghai, China, May 2017.

## ■ Attended Conferences, Workshops and Schools

- European Physical Society Conference on High Energy Physics (EPS-HEP),  
Venice, July 5-12, 2017.
- The 15th meeting of Flavor Physics & CP Violation,  
Prague Czech Republic, June 2017.
- The Fifth Annual Large Hadron Collider Physics (LHCP2017),  
Shanghai, China, May 2017.
- Current Trends in Flavour Physics,  
Paris, France, March 2017.
- International Workshop on Partial Wave Analyses and Advanced Tools for Hadron Spectroscopy,  
Bad Honnef, Germany, March 2017.
- Flavour and Electroweak Symmetry Breaking Workshop,  
Capri, Italy, June 2016.
- International workshop on Theory, Phenomenology and Experiments in Flavour Physics,  
Capri, Italy, June 2016.
- 28th Rencontres de Blois,  
Blois, Paris, May 29 - June 3, 2016.
- LHC-ski 2016 A first discussion of 13 TeV results,  
Obergurgl University Center, Tirol, Austria, April 2016.
- Workshop "Towards a theory of flavour",  
MIAPP Munich, 8-11 March, 2016.
- General Assembly Meeting of LHC Higgs Cross Section Working Group,  
CERN, Geneva, Switzerland, 13-15 January 2016.
- The Standard Theory and Beyond in the LHC Era -2015,  
Albufeira, Portugal, 24-31 October 2015.
- The 10th Workshop of the LHC Higgs Cross Section Working Group,  
CERN, Switzerland, 15 -17 July 2015.
- Workshop: Indirect searches for new physics in the LHC and flavour precision era,  
Munich, Germany, 1-26 June 2015.
- Portoroz 2015: Particle Phenomenology From the Early Universe to High Energy Colliders,  
Slovenia, April 2015.
- 50th Rencontres de Moriond EW 2015,  
La Thuile, Italy, March, 2015.

- New Physics at Belle II Workshop, Karlsruhe, Germany, February, 2015.
- The 13th International Workshop on Tau Lepton Physics, Aachen, Germany, September 18, 2014.
- International Conference of High Energy Physics (ICHEP) 2014, Valencia, Spain. July, 2014.
- XLII International Meeting on Fundamental Physics, Benasque, Spain, January, 2014.
- The 2013 European Physical Society Conference on High Energy Physics, EPSHEP 2013, Stockholm, Sweden, 18-24 July, 2013.
- V CPAN days, Santiago de Compostela, Spain, November 2013.
- XXXIV Reunion Bienal de la Real Sociedad Española de Física, Valencia, Spain, July, 2013.
- Brookhaven Forum 2013: Exploring Fundamental Interactions in the Higgs Era, Brookhaven National Laboratory, Upton, NY- May 1-3, 2013.
- Third Workshop on Flavour Physics in the LHC Era: Theoretical and Experimental Views, Valencia, Spain. 4-6 February 2013.
- DISCRETE 2012, Lisbon, Portugal, 3-6 December 2012.
- IV CPAN Days 2012, Granada, Spain, 26-28 November 2012.
- International School Cargese 2012: Across the TeV frontier with the LHC, Cargese, France, 20 Aug- 1 Sept. 2012.
- XL International Meeting on Fundamental Physics, Benasque, Spain, May-June 2012.
- III Meeting of the Spanish National Center for Particle, Astroparticle and Nuclear Physics (CPAN), Barcelona, Spain, November 2011.
- Spanish Graduate School on High Energy Physics 2011, Bilbao, Spain, July 2011.
- Spanish Graduate School on High Energy Physics 2010, Barcelona, Spain, September 2010.
- FlaviaNet School on Flavor Physics, Bern, Switzerland, June 2010.
- Light Cone 2010: Relativistic Nuclear and Particle Physics, Valencia, Spain, June 2010.
- Utrecht Summer School in Theoretical Physics, Utrecht, Netherland, August 2009.