

# List of talks

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## Plenary talks on Conferences

- Dark Matter from the smallest to the largest scales (Santander, Spain), June 2016  
*Dark Matter Predictions in SUSY Models*
- KET workshop:  $e^+e^-$  Colliders - the next generation (Munich, Germany), May 2016  
*Precision Studies of SM-like signatures: EW, QCD, Higgs, top*
- Loops & Legs 2016 (Leipzig, Germany), April 2016  
*SUSY Higgs-mass predictions: MSSM vs. EFT Approach*
- Conference on New Physics at the LHC (Nanyang university, Singapore), March 2016  
*Higgs and SUSY at the LHC*
- HEP-KIT (Karlsruhe, Germany) October 2015  
*SUSY-Higgs*
- HPNP2015 (Toyama, Japan), February 2015  
*MSSM Higgs Physics at the LHC and Beyond*
- IPPP Christmas meeting (Durham, UK), December 2014  
*SUSY Higgses: What to look out for at the LHC Run II*
- HEFT14 (Madrid, Spain), September 2014  
*Extracting Higgs "Couplings" from LHC and ILC Data*
- SUSY14 (Manchester, UK), July 2014  
*Higgs Physics in the SM and the MSSM*
- LoopFest XIII (CUNY, NY, USA), June 2014  
*Higgs at the ILC*
- Loops & Legs 2014 (Weimar, Germany), April 2014  
*Fully Automated Calculations in the cMSSM (and Applications)*
- SM @ LHC conferece (Madrid, Spain), April 2014  
*Review of Recent Developments in BSM Higgs Physics (Relevant for the LHC)*

- Royal Society Higgs workshop (Chicheley Hall, UK), January 2014  
*The LHC Higgs Cross Section Working Group: Predictions for the Higgs Discovery and Precision Measurements*
- ILC TDR launch, CERN, June 2013  
*Physics at the ILC*
- Loops & Legs 2012 (Wernigerode, Germany), April 2012  
*Towards Fully Automated (N)MSSM Calculations*
- LCWS 11 (Granada, Spain), September 2011  
*Higgs Summary*
- Kruger 2010 – Discovery Physics at the LHC, Kruger National Park, South Africa, December 2010  
*SUSY predictions for the LHC*
- 2nd CPAN conference (spanish network of all particle-, astro- and nuclear physicists), (Valencia, Spain), October 2010  
*Theory Perspectives for the LHC*
- Loops & Legs 2010 (Wörlitz, Germany), April 2010  
*From “Loops & Legs” to  $\mathcal{L}_{\text{SUSY}}$*
- IMFP 2010 (La Palma, Spain), February 2010  
*New Physics at the LHC*
- DESY Theory workshop, September 2009  
*Higgs Phenomenology*
- LHC-BSM (Boston, USA), June 2009  
*SUSY Predictions for the LHC*
- Tools08 (MPI Munich, Germany), July 2008  
*FeynHiggs: The Swiss Army Knife for MSSM Higgs Physics*
- SUSY 08 (Seoul, Korea), June 2008  
*How to Determine SUSY Mass Scales Now*
- Loops & Legs 2008 (Sondershausen, Germany), April 2008  
*New Higher-Order Corrections in the MSSM Higgs Sector with Real and Complex Parameters*
- Lepton Photon '07 (Daegu, Korea), August 2007  
*Electroweak Precision Physics from Low to High Energies*
- LoopFest VI (Fermilab, USA), April 2007  
*Preparing for the ILC*

- ILC european conference (Valencia, Spain), November 2006  
*Higgs Summary*
- VLCW06 (american linear collider conference) (Vancouver, Canada), July 2006  
*The LHC/ILC Connection*
- Loops & Legs 2006 (Eisenach, Germany), April 2006  
*Two-Loop Calculations in the MSSM with Complex Parameters*
- ILC world conference (Bangalore, India), March 2006  
*Physics Summary I*
- DPG (German Physical Society) spring meeting (Berlin, Germany), March 2005  
*SUSY and Precision Observables*
- LC european conference (Durham, UK), September 2004  
*LoopVerein Summary*
- Loops & Legs 2004 (Zinnowitz, Germany), April 2004  
*Precision SUSY Physics*
- LC world conference (Paris, France), April 2004  
*Loop Calculations: Summary*
- RadCor2002, Loops&Legs 2002 (Kloster Banz, Germany), September 2002  
*Loop Corrections to MSSM Higgs Boson production in the WW Fusion channel at the LC*
- LC american conference (Chicago, USA), January 2002  
*Supersymmetry at the Linear Collider*
- RADCOR2000 (Carmel, USA), September 2000  
*Leading  $\mathcal{O}(G_F^2 m_t^4)$  Corrections to Precision Observables in the MSSM*
- “Loops and Legs 2000” (Bastei, Germany), April 2000  
*Two-Loop Corrections to Higgs Production and Decay in the MSSM*

## Plenary talks in workshops and meetings

- 3rd IBS/MultiDark workshop (Durham, UK) November 2016  
*Dark Matter in the pMSSM*
- LHC Higgs Cross Section Working Group workshop (CERN), October 2016  
*Insights/Updates in the MSSM: Impact on Higgs Boson Searches*
- LHC Higgs Cross Section Working Group workshop (CERN), October 2016  
*BR Report: YR4 and Beyond*

- FCC-ee physics meeting (CERN) October 2016  
*Precision Calculations for FCC-ee Electroweak Observables*
- cHarged (Higgs) 2016 (Uppsala, Sweden), October 2016  
*LHC result interpretation in multi-Higgs SUSY models: MSSM, NMSSM, hMSSM, ...*
- 2nd Annual HiggsTools Meeting, Granada, Spain, April 2016  
*Higgs production from SUSY decays at the LHC – Higgs production at ILC/CLIC in the cMSSM at NLO*
- XIIth meeting of the Spanish Network for Future Linear Colliders (Madrid, Spain), January 2016  
*SUSY fits and their Implications for ILC and CLIC*
- KUTS4 2016 – workshop on Higgs mass precision calculations in SUSY (Heidelberg university, Germany), January 2016  
*What if the 750 GeV Thingy is real? Is our SUSY work in vain?*
- LHC Higgs Cross Section Working Group workshop (CERN), January 2016  
*MSSM BR Report and YR4*
- 2nd IBS/MultiDark workshop (Madrid, Spain) November 2015  
*SUSY Dark Matter in the Light of LHC Run I*
- MasterCode Collaboration Meeting (King’s College, London, UK) November 2015  
*FeynHiggs: Status and Prospects*
- FCC-ee coordination meeting (CERN) September 2015  
*FCC-ee pheno WG2: Precision Electroweak Calculations: How to go ahead?!*
- LHC Higgs Cross Section Working Group workshop (CERN), July 2015  
*Higgs-mass Predictions in SUSY: MSSM vs. EFT*
- LHC Higgs Cross Section Working Group workshop (CERN), July 2015  
*MSSM BR Report and Plans for YR4*
- Mini-Workshop on Precision Observables and Radiative Corrections (CERN) July 2015  
*Introduction to PO and RC*
- LHC Higgs Working Group Exotic Higgs Decay Workshop (Fermilab, USA) May 2015  
*How MSSM Higgs BRs are calculated for the LHCHXSWG*
- KUTS3 2015 – workshop on Higgs mass precision calculations in SUSY (LPTHE Paris, France), May 2015  
*Uncertainties in the lightest MSSM Higgs-Boson Mass:  $m_t$  Renormalization Scheme Dependence*

- 12th MultiDark workshop (Salamanca, Spain) April 2015  
*Dark Matter in Unconstrained SUSY Models*
- FH DESY workshop (DESY, Hamburg, Germany) March 2015  
*Log Resummation: Current Status in FeynHiggs*
- FH DESY workshop (DESY, Hamburg, Germany) March 2015  
*FeynHiggs Workshop introduction*
- 9th FCC-ee workshop (Pisa, Italy) February 2015  
*Phenomenology: Introduction and News*
- LHC Higgs Cross Section Working Group workshop (CERN), January 2015  
*Branching Ratio Report and Plans for YR4*
- XIth meeting of the Spanish Network for Future Linear Colliders (UB Barcelona, Spain), January 2015  
*Physics at the ILC*
- UK Forum on Future Colliders (Cosener's House, UK), November 2014  
*Physics at the ILC*
- 7th FCC-ee workshop (Paris, France), October 2014  
*Precision Electroweak Calculations: Future Plans*
- Hamburg workshop on Higgs Physics (DESY Hamburg, Germany), October 2014  
*SUSY and 2HDM*
- KUTS2 2014 – workshop on Higgs mass precision calculations in SUSY (DESY Hamburg, Germany), October 2014  
*The lightest MSSM Higgs boson mass: Theoretical Uncertainties*
- IBS/MultiDark Joint Focus Program (Daejeon, South Korea), October 2014  
11th MultiDark meeting (Santiago de Compostela, Spain), November 2014  
*Dark Matter in (Un)Constrained SUSY Models*
- cHarged (Higgs) 2014 (Uppsala, Sweden), September 2014  
*Report from the LHC Higgs Cross Section Working Group*
- FCC-ee workshop (CERN), June 2014  
*What if we used FCC-ee precisions to the full? Electroweak and Higgs Observables from a TH Perspective*
- LHC Higgs Cross Section Working Group workshop (CERN), June 2014  
*HiggsSignals*
- KUTS 2014 – workshop on Higgs mass precision calculations in SUSY (MPI Munich, Germany), April 2014  
*Combination of Feynman Diagrammatic Results and Log Resummation – FeynHiggs 2.10.0*

- CMS SUSY Higgs Workshop (Karlsruhe, Germany), March 2014  
*What if IT is NOT the SM Higgs?*
- 9th MultiDark Workshop (Canfranc, Spain), November 2013  
*LHC Searches, LUX and Dark Matter in Supersymmetry*
- SUSY/Allianz workshop, DESY Hamburg (Germany), May 2013  
*Where Will We Find SUSY?*
- CMS  $\tau\tau$  meeting (CERN), November 2012  
*Higgs Searches in the  $\tau\tau$  Mode at the LHC: Theory vs. Experiment*
- ATLAS SUSY/Exotics Interpretation workshop (CERN), November 2012  
*SUSY – Global Fits*
- cHarged (Higgs) 2012 (Uppsala, Sweden), September 2012  
*Review of Status of Theory Predictions for Charged Higgs Cross Sections and Branching Ratios*
- LHC@BNL day (BNL, USA), October 2012  
*The 126 GeV Discovery: Implications for the SM and MSSM*
- LHC Higgs Cross Section Working Group workshop (CERN), May 2012  
*News from the (LHC Higgs XS WG) Overall Contacts*
- “Top at the LC” workshop (Paris, France), May 2012  
*The Top Mass in the SM and MSSM (and BMSSM)*
- 6th MultiDark Workshop (Canfranc, Spain), April 2012  
*Recent LHC Searches and Dark Matter*
- 6th MultiDark Workshop (Canfranc, Spain), April 2012  
*MultiDark Consolider: SWG 5 Activities (LHC, Particle Physics, Dark Matter)*
- LHC2TSP Workshop (CERN), March 2012  
*LHC2TSP/WG1: Towards the Final Document*
- LHC2TSP Workshop (CERN), March 2012  
*Implications of a 125 GeV Higgs for the ILC*
- 3rd ILC Forum (DESY Hamburg, Germany), February 2012  
*From the LHC to Terascale Physics: How to go ahead*
- 3rd ILC Forum (DESY Hamburg, Germany), February 2012  
*Higgs and LSP Production via SUSY Decays at the ILC*
- “Red español del ILC” (Zaragoza, Spain), December 2012  
*From the LHC to Terascale Physics: How to go ahead*

- LHC2TSP/WG1 Workshop (Orsay, France), November 2011  
*Post-Higgs Discovery SUSY Fits*
- LHC2TSP/WG1 Workshop (Orsay, France), November 2011  
*Goals of the Intermediate Workshop and Beyond*
- LHC Higgs Cross Section Working Group workshop (Orsay, France), November 2011  
*LHC Higgs Cross Section WG: Progress for the (light and heavy) charged Higgs*
- LHC Higgs Cross Section Working Group workshop (Orsay, France), November 2011  
*LHC Higgs Cross Section WG: First Results for MSSM Branching Ratios*
- 4th MultiDark Workshop (Huelva, Spain), November 2011  
*MultiDark Consolider: SWG 5 Activities (LHC, Particle Physics, Dark Matter)*
- LHC2TSP (TH institute, CERN), September 2011  
*LHC2TSP WG1 (Higgs/EWSB): How to proceed*
- LC Forum / Terascale Allianz (MPI Munich, Germany), July 2011  
*Implications of LHC searches for the ILC*
- ATLAS Higgs workshop (Dubna, Russia), May 2011  
*Charged (and a bit neutral) Higgs Bosons in the MSSM*
- “Red español del ILC” (Granada, Spain), May 2011  
*Implications of LHC searches for the ILC*
- LHC Higgs Cross Section Working Group workshop (BNL), May 2011  
*Progress for the (light) charged Higgs*
- LHC Higgs Cross Section Working Group workshop (BNL), May 2011  
*More Progress for MSSM Branching Ratios*
- LPCC workshop “BSM physics at the LHC” (CERN), April 2011  
*Benchmark Models, Planes and Lines for Future SUSY Searches at the LHC*
- LPCC workshop “Global BSM fits and LHC data” (CERN), February 2011  
*The MasterCode: Status and Prospects*
- First meeting of the spanish network (red) on Flavor physics (Benasque, Spain), January 2011  
*Flavor/SuperB in the Era of the LHC*
- 2nd Allianz SUSY-Fitter Working Group workshop (DESY Hamburg) October 2010  
*Towards a Parameter Dependent Theory Error Evaluation*

- Higgs Days at Santander 2010 (HDays10, Spain), October 2010  
*Can the Tevatron exclude the CMSSM, GMSB and AMSB?*
- cHarged (Higgs) 2010 (Uppsala, Sweden), September 2010  
*Higher-order corrections to  $M_{H^\pm}$  and to  $\tilde{t}_i \rightarrow \tilde{b}_j H^\pm$*
- Allianz SUSY-Fitter Working Group Inauguration workshop (DESY Hamburg)  
July 2010  
*The MasterCode*
- LHC Higgs Cross Section Working Group workshop (CERN), July 2010  
*Progress for MSSM Branching Ratios*
- ATLAS Higgs workshop (Dubna, Russia), May 2010  
*The Charged Higgs Boson in the MSSM*
- LHC Higgs Cross Section Working Group Inauguration Meeting (Freiburg, Germany), April 2010  
*Branching Ratios in the MSSM*
- LHC Higgs Cross Section Working Group Inauguration Meeting (Freiburg, Germany), April 2010  
*Pseudo Observables*
- Helmholtz Allianz meeting on “Higgs production at the LHC”, Wuppertal, Germany, March 2010  
*Neutral Higgs Production – Status and Tools*
- First MultiDark Meeting (UAM Madrid, Spain), January 2010  
*Dark Matter Implications for SUSY*
- “Red español del ILC” (Madrid, Spain), December 2009  
*SUSY: What to expect for the ILC?*
- “Red español del LHC” (Granada, Spain), October 2009  
*Higgs and SUSY at the LHC*
- Higgs Days at Santander 2009 (HDays09, Spain), September 2009  
*Higgs Days at Santander 2009: Summary*
- Higgs Days at Santander 2009 (HDays09, Spain), September 2009  
*The Higgs Sector of the Complex MSSM*
- France/Korea CDF meeting (Paris, France), July 2009  
*Higgs and SUSY Searches at the Tevatron (before the LHC takes over)*
- ILC Spain workshop (Barcelona, Spain), May 2009  
*Report on the LHC2FC workshop (From the LHC to Future Colliders)*



- LHC2FC TH institute (CERN), February 2009  
*The Higgs at Future Lepton Colliders: What do we learn from the increased precision?*
- LHC2FC workshop (CERN), February 2009  
*From the LHC to Future Colliders: WG1: Higgs*
- Higgs@Seattle workshop (Seattle, USA), January 2009  
*Higgs Couplings @ Seattle: Short Summary*
- Higgs@Seattle workshop (Seattle, USA), January 2009  
*Higgs Couplings at the LHC: Theory Aspects*
- CMS Higgs meeting, CERN, November 2008  
*SUSY Higgs Couplings at the LHC: Theory Aspects*
- MHPaL (MSSM Higgs Physics at the LHC) 2008 (Santander, Spain), October 2008  
*MSSM Higgs Physics at the LHC: Summary*
- MHPaL (MSSM Higgs Physics at the LHC) 2008 (Santander, Spain), October 2008  
*Heavy MSSM Higgs Bosons: LHC Reach and Parameter Dependence*
- cHarged (Higgs) 2008 (Uppsala, Sweden), September 2008  
*The Charged Higgs Boson: Codes and Tools*
- cHarged (Higgs) 2008 (Uppsala, Sweden), September 2008  
*The Charged MSSM Higgs Boson: LHC Reach and Parameter Dependence*
- CERN TH institute (Flavour), May–June 2008  
*Tools and Benchmarks*
- ILC/Spain meeting (Santander, Spain), January 2008  
*ILC Phenomenology*
- 2. LHC/Flavor WS (CERN), December 2007  
*The Impact of B Physics Observables on SUSY Fits*
- LHC/Flavor WS (CERN), March 2007  
*WG2: Tools Summary*
- CDF collaboration meeting (Paris, France), May 2007  
*Prospects for Higgs Physics at the Tevatron*
- CDF collaboration meeting (Elba, Italy), June 2006  
*Testing the MSSM at the Tevatron*
- CDF collaboration meeting (Elba, Italy), June 2006  
*The Top Quark: From Theory to Experiment*

- CMS Higgs meeting (CERN), February 2006  
*MSSM Higgs Searches at the Tevatron and the LHC: Impact of Different Benchmark Scenarios*
- LHC/Flavor WS (CERN), February 2006  
*SUSY Les Houches Accord 2*
- ILC Physics and Detector WS (Snowmass, USA), August 2005  
*The Higgs Working Group: Summary*
- ILC Physics and Detector WS (Snowmass, USA), August 2005  
*Does the ILC need Physics Results from the LHC?*
- ILC Physics and Detector WS (Snowmass, USA), August 2005  
*The Higgs Working Group at the ILC Physics and Detector WS*
- LHC/ILC meeting (SLAC), March 2005  
*Higgs Coupling Determination at the LHC  $\oplus$  ILC*
- CMS week (CERN), March 2004  
*FeynHiggs2.1: A High Precision Tool for Higgs Physics at the LHC*
- LHC/LC workshop (CERN), July 2002  
*Heavy Higgs from the LHC and LC Precision data*
- Snowmass 2001 [P1] (Snowmass, USA), July 2001  
*EWSB Precision Analyses [WG1 Theory report]*
- Snowmass 2001 [E3] (Snowmass, USA), July 2001  
*Electroweak Precision Tests at GigaZ*
- “HEPAP Subpanel meeting” (BNL, USA), April 2001  
*Experimental and Theoretical Precision at LC/GigaZ*
- “Durham Collider Workshop 99” (Durham, UK), September 1999  
*Precision Observables in the Standard Model and the MSSM*
- QFT workshop 99, DESY (Hamburg, Germany), April 1999  
*Applications of 2-loop Calculations in the MSSM*
- “Tools for SUSY 99” (Lyon, France), March 1999  
*Higher-order results for the neutral Higgs-boson masses in the MSSM*
- Workshop of Graduiertenkolleg Uni Hamburg/DESY (Puttgarden, Germany), October 1998  
*How can one distinguish between the SM and the MSSM*
- Workshop of Graduiertenkolleg “Elementarteilchenphysik an Beschleunigern”, University of Karlsruhe (Germany), October 1997  
*Two-loop corrections to the mass of the lightest Higgs boson in the MSSM*

- “Quantum Effects in the MSSM” (Barcelona, Spain), September 1997  
*Two-loop calculations in the MSSM*
- Workshop on “Mathematical Aspects of Quantum Field Theory” (Leipzig, Germany), May 1997  
*Two-loop calculations in the SM and MSSM*

## Conferences, workshops: parallel

- SUSY16 (Melbourne, Australia), July 2016  
*Higgs to SUSY Decays at the Full One-Loop Level*
- SUSY16 (Melbourne, Australia), July 2016  
*FeynHiggs: New and Improved Predictions in the (N)MSSM*
- SUSY16 (Melbourne, Australia), July 2016  
*New SUSY fits with MasterCode*
- ECFA-LC workshop (Santander, Spain), June 2016  
*SUSY fits and their Implications for ILC and CLIC*
- ECFA-LC workshop (Santander, Spain), May 2016  
*Higgs to SUSY Decays at the Full One-Loop Level*
- ECFA-LC workshop (Santander, Spain), May 2016  
*Neutral and Charged Higgs Boson Production Cross Sections in the complex MSSM*
- FCC week 2016 (Rome, Italy), April 2016  
*Precision Calculations Summary*
- FCC week 2016 (Rome, Italy), April 2016  
*Precision EW Calculations*
- LCWS 15 (Whistler, Canada) November 2015  
*SUSY fits and their Implications for the ILC and CLIC*
- LCWS 15 (Whistler, Canada) November 2015  
*Precision Calculations in the Higgs Sector of the Complex MSSM: Towards the LC Precision*
- LCWS 15 (Whistler, Canada) November 2015  
*Higgs Boson Production Cross Sections in the complex MSSM*
- SUSY15 (Lake Tahoe, USA) August 2015  
*Higgs to SUSY Decays at the Full One-Loop Level*
- SUSY15 (Lake Tahoe, USA) August 2015  
*Effects of Sfermion Mixing induced by RGE Running in the MFV CMSSM*

- SUSY15 (Lake Tahoe, USA) August 2015  
*FeynHiggs: Status and Perspectives*
- WIN15, Heidelberg (Germany), June 2015  
*SUSY Dark Matter at the LHC*
- WIN15, Heidelberg (Germany), June 2015  
*New Developments for SUSY Higgses*
- SUSY14, Manchester (UK), July 2014  
*Precise Predictions for  $M_W$  in the MSSM*
- ICHEP 2014, Valencia (Spain), July 2014  
SUSY14, Manchester (UK), July 2014  
*High Precision Prediction for the lightest CP-even MSSM Higgs-Boson Mass*
- 10th MultiDark workshop, Valencia (Spain), April 2014  
*Dark Matter and LHC – Discussion*
- TLEP meeting, CERN, January 2014  
*Higgs Boson Mass Calculations in the MSSM: Status and Perspectives*
- LCWS 13, Tokyo (Japan), November 2013  
*LC Precision in the MSSM*
- LCWS 13, Tokyo (Japan), November 2013  
*Does the LHC exclude SUSY Particles at the ILC?*
- LCWS 13, Tokyo (Japan), November 2013  
 *$M_W$  in the MSSM*
- LCWS 13, Tokyo (Japan), November 2013  
*Towards the LC Precision: Progress in the  $M_h$  Calculation in the MSSM*
- LCWS 13, Tokyo (Japan), November 2013  
*Theory Uncertainties in LC Higgs Coupling*
- LCWS 13, Tokyo (Japan), November 2013  
*Higgs and DM Production via SUSY Decays at the LC*
- Snowmass Energy Frontier workshop, Seattle (USA), July 2013  
*Theory Uncertainties in SM Higgs Decays*
- Snowmass Energy Frontier workshop, Seattle (USA), July 2013  
*Exploring Quantum Physics at the ILC (White Paper)*
- Snowmass Energy Frontier workshop, Seattle (USA), July 2013  
*EWPO in the pMSSM*

- LCWS 13, DESY Hamburg (Germany), May 2013  
*Impact of  $m_{\tilde{t}_j}/\tilde{g}$  Measurements on Precision Tests in the SM and MSSM (and BMSSM)*
- LCWS 13, DESY Hamburg (Germany), May 2013  
*Implications of SUSY and Higgs Searches for the ILC*
- LCWS 13, DESY Hamburg (Germany), May 2013  
*Higgs Production via SUSY Decays at the LC*
- LCWS 13, DESY Hamburg (Germany), May 2013  
*LC Precision in the MSSM: Getting It Under Control*
- Snowmass preparation workshop, BNL (USA), March 2013  
*Global EW fits in the (C)MSSM*
- Snowmass preparation workshop, Duke University (USA), February 2013  
*EWPO in the (C)MSSM*
- LCWS 11 (Granada, Spain), September 2011  
 *$M_h$  in the MSSM-seesaw with ILC precision*
- LCWS 11 (Granada, Spain), September 2011  
*Higgs Production via SUSY Decays at the LC*
- SUSY 11 (Fermilab, USA), August 2011  
*SUSY at the LHC*
- SUSY 11 (Fermilab, USA), August 2011  
*The Light Higgs-Boson Mass in the MSSM-seesaw*
- SUSY 11 (Fermilab, USA), August 2011  
*SUSY Decays in the Complex MSSM: A Full One-Loop Analysis*
- SUSY 11 (Fermilab, USA), August 2011  
*Confronting SUSY with LHC data*
- Kruger 2010 – Discovery Physics at the LHC, Kruger National Park, South Africa, December 2010  
*SUSY predictions for the LHC: Basics and Details*
- International Workshop on Linear Colliders (CERN/Geneva), October 2010  
*Renormalization of the Complex MSSM and ILC Implications*
- International Workshop on Linear Colliders (CERN/Geneva), October 2010  
*SUSY Predictions for the ILC*
- SUSY 10 (Bonn, Germany), August 2010  
*Stop and Sbottom Sector Renormalization in the Complex MSSM*

- SUSY 10 (Bonn, Germany), August 2010  
*Higgs Measurements in and beyond the SM at the LHC in the Forward Proton Mode*
- SUSY 10 (Bonn, Germany), August 2010  
*SUSY Prediction for the LHC and the ILC*
- Physics at the LHC 2010 (DESY Hamburg, Germany), June 2010  
*Higgs Measurements in and beyond the SM at the LHC in the Forward Proton Mode*
- Physics at the LHC 2010 (DESY Hamburg, Germany), June 2010  
*SUSY Predictions for the LHC*
- LCWS/ILC 10 (Beijing, China), March 2010  
*Importance of GigaZ and  $m_t$  at the ILC*
- FP420 workshop (Manchester, UK), December 2009  
*Higgs Measurements in and beyond the SM at the LHC*
- SUSY 09 (Boston, USA), June 2009  
*HiggsBounds: Limits on SUSY and other BSM Higgs sectors*
- DIS 09 (Madrid, Spain), April 2009  
*Indirect Limits on Higgs and SUSY Masses*
- LHC2FC TH institute (CERN), February 2009  
*Higgs Couplings at the LHC / non-SM Higgs at the LHC*
- LHC2FC workshop (CERN), February 2009  
*SUSY Prediction for Early LHC Data*
- SUSY 08 (Seoul, Korea), June 2008  
*The Charged MSSM Higgs Boson: Experimental Resolution and Theoretical Accuracy*
- SUSY 08 (Seoul, Korea), June 2008  
*Constraining SUSY with Precision Observables: Looking Beyond the CMSSM*
- ECFA/ILC workshop (Warsaw, Poland), June 2008  
*Constraining SUSY with Electroweak Precision Observables*
- ECFA/ILC workshop (Warsaw, Poland), June 2008  
*The Charged Higgs Boson Mass in the MSSM: Meeting the ILC Precision*
- ECFA/ILC workshop (Warsaw, Poland), June 2008  
*New SUSY and Higgs Predictions for the ILC*
- ATLAS Higgs meeting (CERN), January 2008  
*SUSY Higgs Searches at ATLAS: Theory meets Experiment*

- CMS Higgs meeting (CERN), November 2007  
*Charged MSSM Higgs Bosons at CMS: Reach and Parameter Dependence*
- Euro-GDR SUSY (Brussels, Belgium), November 2007  
*FeynHiggs: The Swiss Army Knife for MSSM Higgs Physics*
- SUSY 07 (Karlsruhe, Germany), July 2007  
*Higgs Boson Phenomenology in the NUHM*
- SUSY 07 (Karlsruhe, Germany), July 2007  
*Heavy MSSM Higgs Bosons at the LHC*
- Workshop “Physics at TeV Colliders” (Les Houches, France), July 2007  
*FeynHiggs: The Swiss Army Knife for MSSM Higgs Physics*
- UK flavour workshop (Coesener’s House), July 2007  
*Discussion on Benchmarks and Tools*
- ILC world conference (DESY, Hamburg, Germany), May 2007  
*FeynHiggs for the ILC*
- ILC world conference (DESY, Hamburg, Germany), May 2007  
*New SUSY predictions for the ILC*
- LHC-D/Higgs meeting (Wuppertal, Germany), January 2007  
*Higgs Couplings at the LHC: Theory Aspects*
- ILC workshop (Valencia, Spain), November 2006  
*Correct Treatment of Higher-Order Corrected Higgs-Bosons (in FeynHiggs2.4)*
- LHC/Flavor WS (CERN), November 2006  
*Flavor Benchmarks*
- LHC/Flavor WS (CERN), November 2006  
*WG2: Tools - Where we are*
- VLCW06 (american linear collider conference) (Vancouver, Canada), July 2006  
*Phenomenological Indications of the Terascale: Implications for the ILC*
- VLCW06 (american linear collider conference) (Vancouver, Canada), July 2006  
*Precise Prediction of  $M_W$  in the MSSM*
- VLCW06 (american linear collider conference) (Vancouver, Canada), July 2006  
*High Precision Calculations for the MSSM Higgs Sector: FeynHiggs2.4*
- ILC world conference (Bangalore, India), March 2006  
*Phenomenological Indications of the Scale of Supersymmetry*
- ILC world conference (Bangalore, India), March 2006  
*Prediction of  $M_W$  in the MSSM*

- ILC world conference (Bangalore, India), March 2006  
*New Corrections to the  $r/c$ MSSM Higgs Masses and Mixings*
- ILC world conference (Bangalore, India), March 2006  
*FeynHiggs2.3: A Precision Tool for the  $r/c$ MSSM Higgs Sector*
- LHC/Flavor WS (CERN), February 2006  
*Testing the NMFV MSSM with Precision Observables*
- SUSY05 (Durham, UK), July 2005  
LoopFest IV (Snowmass, USA), August 2005  
*Recent higher-order corrections in the  $r/c$ MSSM*
- CMS Higgs meeting (CERN), June 2005  
*FeynHiggs for the CMS PTDR: A Precision Tool for the MSSM Higgs Sector*
- Workshop “Physics at TeV Colliders” (Les Houches, France), May 2005  
ILC Physics and Detector WS (Snowmass, USA), August 2005  
*FeynHiggs2.2: A Precision Tool for MSSM Higgs Physics*
- Tev4LHC workshop (CERN), April 2005  
*SUSY Higgs Searches: Tevatron 4 LHC ?*
- LC world conference (Stanford, USA), March 2005  
*Exploring Phases of the  $c$ MSSM at Future Colliders*
- LC world conference (Stanford, USA), March 2005  
*Why do we need an  $m_t$  determination with ILC precision*
- LC world conference (Stanford, USA), March 2005  
*Recent Higher-Order Corrections in the  $r/c$ MSSM Higgs Sector*
- LC workshop (Durham, UK), September 2004  
*Precision Observables in the MSSM with NMFV*
- CP/Higgs workshop (CERN), May 2004  
*FeynHiggs and CPsH: A Comparison*
- LC world conference (Paris, France), April 2004  
*MSSM Higgs Physics: Theoretical Developments*
- LoopFest III (KITP, CA, USA), April 2004  
*Precision Observables in the MSSM: Status and Perspectives*
- ATLAS week/Higgs (CERN), December 2003  
EuroGDR (Paris, France), December 2003  
*FeynHiggs2.1: A High Precision Tool for the Higgs Sector of the Real and Complex MSSM*



- SUSY03 (Tucson, USA), June 2003  
*Loop corrections to Higgs Boson Production at the Linear Collider*
- LHC/LC meeting (CERN), May 2003  
*Electroweak Precision Measurements, Triple and Quartic Gauge Couplings, Contact Interactions*
- LC workshop (Amsterdam, Netherlands), April 2003  
*Precision of  $m_h$  Predictions in the MSSM*
- LC workshop (Amsterdam, Netherlands), April 2003  
*Physics Impact of a Precise Determination of the Top Quark mass at the LC*
- LC Higgs WG meeting (CERN), February 2003  
*Recent Progress for the LC Higgs WG*
- LC workshop (Prague, Czech Republic), November 2002  
*MSSM Higgs Boson Precision Physics at the Linear Collider*
- LC workshop (Prague, Czech Republic), November 2002  
 *$\Delta\rho$  in the MSSM and the Top Yukawa coupling*
- LCWS2002 (Corea), August 2002  
*Sensitivity to the Top Yukawa Coupling from Electroweak Precision Observable*  
(delivered by W. Hollik)
- SUSY02 (DESY, Hamburg), June 2002  
*Recent Results in the  $c$ MSSM Higgs Sector: A complete 1-loop Calculation*
- LC workshop (St. Malo, France), April 2002  
*The Higgs Boson Sector of the  $c$ MSSM: A complete 1-loop Calculation*
- LC workshop (Chicago, USA), January 2002  
*The Higgs Boson Production Cross Section as a Precision Observable ?*
- LC workshop (Cracow, Poland), September 2001  
*Electroweak Precision Observables: Are SUSY Contributions under Control?*
- LC workshop (Cracow, Poland), September 2001  
*Can a  $\gamma\gamma$  Collider tell the SM from the MSSM?*
- LC workshop (Cracow, Poland), September 2001  
*What can be learned from a precise Measurement of the Higgs Production Cross Section?*
- Snowmass 2001 [P1-WG3] (Snowmass, USA), September 2001  
*Indirect Information from precision Measurements in the MSSM Higgs sector*
- Snowmass 2001 [P1-WG3] (Snowmass, USA), July 2001  
*Les Point d'Aix (new BMS for SUSY)*

- Snowmass 2001 [P1-WG1 introduction] (Snowmass, USA), July 2001  
*Status of Precision Calculations in the SM and the MSSM*
- Pheno 2001 (Madison, USA), May 2001  
*New Results for Precision Observables in the MSSM*
- “Workshop on the Future of Higgs Physics” (Fermilab, USA), May 2001  
*Precise Predictions for  $e^+e^- \rightarrow hZ, hA$  in the MSSM*
- Higgs workshop (Davis, USA), January 2001  
*Precise Predictions for the MSSM Higgs boson production at  $e^+e^-$  colliders*
- LCWS2000 (Fermilab, USA), October 2000  
*Electroweak Precision Tests with GigaZ*
- ACAT2000 (Fermilab, USA), October 2000  
*Higher Order Corrections in the MSSM with FeynArts*
- DESY Theory workshop (Hamburg, Germany), September 2000  
*Are very light Scalar Bottom Quarks ruled out?*
- SUSY2K (CERN), August 2000  
*Higher Order Corrections to Production and Decay of the MSSM Higgs Bosons*
- ECFA/DESY workshop (Padua, Italy), May 2000  
*Leading Two-Loop Corrections to MSSM Higgs Production at  $e^+e^-$  colliders*
- German Physical Society spring meeting (Dresden, Germany), March 2000  
*Two-Loop Effects in the MSSM Higgs sector*
- Higgs workshop (CERN), October 1999  
*Two-Loop corrections to Higgs Production and Decay in the MSSM*
- ECFA/DESY workshop (Obernai, France), October 1999  
*Higgs Production and Decay in the MSSM at the Two-Loop Level*
- SUSY 99, Fermilab (USA), June 1999  
*Precision Prediction of the Masses of the Neutral Higgs Boson Masses in the MSSM*
- Workshop “Physics at TeV Colliders” (Les Houches, France), June 1999  
*Diagrammatic Two-Loop Calculations in the MSSM Higgs Sector: Results, Applications, Codes*
- “International Workshop on Linear Colliders” (Sitges, Spain), May 1999  
*Theoretical Implications of Results from Z- and WW- Threshold Running*
- ECFA/DESY workshop (Oxford, UK), March 1999  
*FeynHiggs(Fast): Fortran Programs for the Calculation of the neutral CP-even Higgs-Boson Mases in the MSSM*

- ECFA/DESY workshop (Oxford, UK), March 1999  
*TESLA at Low Energies - Precision Observables in the SM and MSSM*
- TESLA meeting, DESY (Hamburg, Germany), March 1999  
*TESLA as a Z factory - Precision Observables in the SM and MSSM*
- DESY theory workshop (Hamburg, Germany), October 1998  
*Precise Prediction for the Masses of the neutral CP-even Higgs Bosons in the MSSM*
- German Physical Society spring meeting, (Heidelberg, Germany), March 1998  
*Accurate Prediction of the Mass of the Lightest Higgs Boson in the MSSM*
- German Physical Society spring meeting, (Freiburg, Germany), March 1998  
*QCD Corrections to the Masses of the neutral CP-even Higgs Bosons in the MSSM*
- German Physical Society spring meeting (Munich, Germany), March 1997  
*Two-loop calculations  $\mathcal{O}(\alpha_s)$  to the  $\rho$  parameter in the MSSM*
- Forschungskolloquium der Studienstiftung des deutschen Volkes (Bonn, Germany), February 1997  
*Precision Tests in the MSSM*
- Herbstschule Maria Laach (Germany), September 1995  
*The decay  $h^0 \rightarrow A^0 A^0$ : a complete 1-loop calculation in the MSSM*

## Colloquia

- Bielefeld Physics Colloquium, Bielefeld (Germany), April 2013  
*LHC Results and their Consequences*
- Munich Physics Colloquium, Munich (Germany), December 2012  
*Recent LHC Higgs Searches from a Theory Perspective*
- Physics Colloquium, BNL (USA), October 2012  
*Recent LHC Higgs Searches From a Theory Perspective*
- Physics Colloquium University of Heidelberg (Germany), July 2012  
*Most Recent LHC Searches for Higgs from a Theory Perspective*
- Colloquium Max Planck Institute for Physics (Munich, Germany), May 2012  
*LHC Searches for Higgs and SUSY from a Theory Perspective*

## Seminar talks

- Trobada Seminar, IFIC (Valencia, Spain), November 2016  
*SUSY and its Higgs Bosons in the Light of LHC Data*
- Particle Physics Seminar, Dresden University, July 2016  
*Higgs and SUSY at the LHC*
- Particle Physics Seminar, Roma I, Itali, February 2016  
*SUSY fits with MasterCode: Predictions for the LHC and DM*
- Particle Physics Seminar, LMU Munich (Germany), December 2015  
Theoretical Physics Seminar, Dortmund University (Germany) 2015  
*SUSY/Higgs in the Light of LHC Run II - Xmas version*
- Heidelberg Particle Physics Seminar (Heidelberg University, Germany) June 2015  
*SUSY fits with MasterCode*
- CERN TH seminar, June 2015  
*Higgs and Precision Observables at the ILC and TLEP/FCC-ee*
- Particle Physics Seminar, University of Helsinki, Finland, February 2015  
*Higgs and Supersymmetry*
- Particle Physics Seminar, LMU Munich (Germany), December 2014  
*SUSY Higgses: What to look out for at the LHC Run II - Xmas Edition*
- Particle Physics Seminar, Siegen University (Germany), July 2014  
*Where we will find SUSY*
- Physics Colloquium for PhD students, Pavia (Italy), May 2014  
*Telling the LHC where to look for SUSY*
- Theoretical Physics Seminar, Granada University (Spain), February 2014  
*The Higgs Boson Mass and its SM/SUSY Implications*
- Particle Physics Seminar, LMU Munich (Germany), December 2013  
*The Higgs Boson Mass and its SM/SUSY Implications - Xmas Edition*
- Theory colloquium, Göttingen University (Germany), December 2013  
*LHC Results and their Consequences*
- Particle Physics Seminar, Münster (Germany), April 2013  
*Higgs Discovery at the LHC: Implications for SUSY (incl. FUT)*
- DESY particle physics seminar, Hamburg (Germany), March 2013  
Karlsruhe GK seminar, Karlsruhe (Germany), March 2013  
*Higgs Discovery at the LHC: Implications for SUSY*

- Particle Physics Seminar, LMU Munich (Germany), December 2012  
Particle Physics Graduierten Seminar, Freiburg (Germany), December 2012  
*The 126 GeV Discovery: Implications for the SM and MSSM*
- Seminar for Particle Physics SISSA (Trieste, Italy), May 2012  
*LHC Searches for Higgs and SUSY from a Theory Perspective*
- Particle Physics Seminar of IFCA (Santander, Spain), January 2012  
*Recent LHC Results from a Theory Perspective*
- Particle Physics Seminar, LMU Munich (Germany), December 2011  
*Very Recent LHC Results from a Theory Perspective - Xmas Edition*
- Colloquium DESY (Hamburg & Zeuthen, Germany), November 2011  
*Recent LHC Results from a Theory Perspective*
- Seminar Elementarteilchenphysik (Univ. of Würzburg, Germany), July 2011  
*SUSY in the Light of LHC Searches*
- IFCA end-of-the-year meeting (Santander, Spain), December 2010  
*Particle Physics Phenomenology @ IFCA*
- Graduiertenkolleg Seminar (University of Freiburg, Germany), December 2010  
*SUSY predictions for the LHC (and the ILC) - new version*
- DESY Theory Seminar (Hamburg, Germany), June 2010  
Theory Seminar Zaragoza University (Spain), June 2010  
*SUSY Predictions for the LHC and the ILC*
- Particle Physics Seminar, LMU Munich (Germany), December 2009  
*SUSY Predictions for the LHC - Xmas Edition*
- IKTP Instituts-Seminar, University of Dresden (Germany), November 2009  
Particle Physics Seminar, University of Mainz (Germany), November 2009  
*The Higgs Code(s)*
- Terascale Allianz Seminar, University of Bonn (Germany), November 2009  
*SUSY Predictions for the LHC*
- Seminar for Particle Physics, University of Karlsruhe (Germany), September 2009  
*Predicting SUSY*
- IFIC theory seminar (IFIC, Valencia, Spain), May 2009  
FTAE seminar (University of Granada, Spain), October 2008  
*Confronting SUSY with Existing Experimental Data: Investigating the CMSSM and Beyond*

- "Nuclear Research Center" particle physics seminar (Athens, Greece), April 2008  
*Today's Precision Observables: Selecting SUSY and Finite Unified Theories*
- LAL particle physics seminar (Orsay, France), February 2008  
Particle Physics Seminar of IFCA (Santander, Spain), April 2008  
*Finite Unified Theories: Prediction for Collider Physics*
- Particle Physics Colloquium (Heidelberg, Germany), February 2008  
ICTP High-energy Physics Colloquium (Trieste, Italy), May 2008  
*Prospects for SUSY Searches at the Tevatron, the LHC and the ILC from Today's Precision Data*
- IFAE theory seminar (Barcelona, Spain), September 2007  
Graduiertenkolleg Seminar (University of Freiburg, Germany), November 2007  
PI Particle Physics Seminar (University of Bonn, Germany), November 2007  
LMU Particle Physics Seminar (LMU Munich, Germany), December 2007  
TU High-Energy Theory Seminar (TU Munich, Germany), December 2007  
*How to detect SUSY before the LHC*
- Particle Physics Seminar Cornell (USA), April 2007  
*The LHC/ILC Connection*
- CDF internal meeting (Fermilab, USA), April 2007  
*SUSY in the Light of B Physics Observables and Electroweak Precision Data*
- Particle Physics Seminar (Northwestern University, USA), April 2007  
*How to determine the Scale of SUSY (before the LHC)*
- Particle Physics Seminar CNRS (Strasbourg, France), March 2007  
High Energy Particle Physics Seminar (LMU Munich, Germany), December 2006  
High Energy Physics Seminar (Autonoma University of Madrid, Spain), October 2006  
Colloquium for particle physics (University of Karlsruhe, Germany), June 2006  
*Precision Observables in the MSSM: New Results and Applications*
- Theory Seminar (University of Granada, Spain), May 2006  
Theory Seminar (University of Zaragoza, Spain), April 2006  
*Phenomenological Indications of the Scale of Supersymmetry*
- Seminar for theoretical particle physics LMU (Munich, Germany), December 2005  
Particle Physics Seminar of IFCA (Santander, Spain)  
*SUSY Higgs Bosons at LEP, Tevatron, LHC, ...*
- Habilitation (LMU Munich, Germany), June 2005  
*Dunkle Materie: Die dunkle Seite der Macht regiert das Universum*

- Sonderkolloquium (University of Würzburg, Germany) May 2005  
*Massiv? - Massiv! Higgs Phänomenologie an zukünftigen Beschleunigern*
- Theory Seminar (University of Barcelona, Spain), June 2005  
Theory Seminar (University of Dresden, Germany), May 2005  
GK Seminar (Freiburg University, Germany), May 2005  
Theory Seminar (University of Milano, Italy), April 2005  
*SUSY, Precision Observables and Collider Implications*
- ATLAS lecture (CERN), January 2005  
*SUSY for ATLAS – ATLAS for SUSY*
- SMU Theory Seminar (Dallas, USA), January 2005  
*Higgs Physics at Future Colliders: How far can we go?*
- CERN Theoretical Seminar (CERN), October 2004  
*Uncertainties in SUSY Precision Calculations*
- Theory Seminar (Aachen University, Germany), November 2004  
Theory Seminar (Edinburgh University, UK), October 2004  
High Energy Physics Seminar (Northwestern University, Chicago, USA), September 2004  
*The  $(g - 2)_\mu$  Saga and Supersymmetry*
- LMU Theorie-Seminar (Munich, Germany), July 2004  
Theorie-Seminar (Würzburg, Germany), July 2004  
*The anomalous magnetic moment of the muon and Supersymmetry*
- Symposium für theoretische Elementarteilchenphysik (Wuppertal, Germany), June 2004  
*Higgs Phänomenologie an zukünftigen Beschleunigern*
- DFTUZ Seminar (Zaragoza, Spain), May 2004  
Theory Seminar (Tucson, USA), April 2004  
 *$(g - 2)_\mu$  and Supersymmetry*
- CERN Phenomenology Seminar (CERN), April 2004  
*Aspects of Higgs Physics at Future Colliders: The Extended Reach*
- IPPP Theory Seminar (IPPP Durham, UK), February 2004  
*Precision Observables in the MSSM (MFV and NMFV)*
- PSI Theory Seminar (PSI, Switzerland), January 2004  
 *$(g - 2)_\mu$  in the MSSM*
- Theory Seminar (BNL, USA), August 2003  
High Energy Physics Seminar (Northwestern University, Chicago, USA), August 2003  
*The heavy Higgs Boson Mass Scale at the LC*

- Physikalisches Kolloquium (Universität Münster, Germany), April 2003  
*Massive? Massive? The Higgs Boson and its Consequences*
- DESY Theory Seminar (Zeuthen, Germany), February 2003  
*New Results for MSSM Higgs Physics at the Linear Collider*
- Theoretical High Energy Seminar (TU München, Germany), February 2003  
*New Results for MSSM Higgs Physics at the LC*
- Sektionsvortrag (LMU München, Germany), February 2003  
*The Search for the Higgs Boson: Yesterday, Today, Tomorrow*
- DESY Theory Seminar (Hamburg, Germany), October 2002  
*Light and Heavy Higgs Boson Production at the LC*
- Theory Seminar (IPPP Durham, UK), July 2002  
Theory Seminar (University of Bonn, Germany), July 2002  
*The Higgs Boson at Present and Future Colliders*
- High Energy Physics Seminar (NYU, New York, USA), February 2002  
*Precision Observables in the SM and the MSSM: Present and Future*
- LNS Journal Club Seminar (Cornell, Ithaca, USA), February 2002  
*How Precise are Precision Observables ?*
- Fermilab Theory Seminar (Batavia, USA), January 2002  
*The Higgs Boson at Present and Future Colliders*
- UCSD Theory Seminar (University of San Diego, USA), November 2001  
Caltech Theory Seminar (Pasadena, USA), November 2001  
Nuclear/Particle Seminar (University of Minneapolis, USA), October 2001  
*The Higgs Boson Sector and soft SUSY-Breaking*
- YITP Seminar (Stony Brook, USA), October 2001  
*Status of Precision Observables in the SM and MSSM*
- DESY Theory Seminar (Hamburg, Germany), September 2001  
*Electroweak Precision Observables: Is SUSY under Control?*
- ANL HEP Division Seminar (Argonne National Lab., USA), June 2001  
*Implications of a 115 GeV Higgs Boson (for experimentalists and theorists)*
- MIT Particle Physics Colloquium (Boston, USA), April 2001  
*A Higgs at LEP? Implications for Theorists and Experimentalists*
- “Elementary Particle Physics Seminar” (Philadelphia, USA), April 2001  
*Theoretical and experimental Implications of a possible Higgs boson observation at LEP*



- “Elementary Particle Theory Seminar” (Philadelphia, USA), April 2001  
*Precision Observables in the MSSM: New Two-Loop Results*
- “Elementary Particle Physics Seminar” (BNL, USA), March 2001  
*What would YOU do with 1 billion Z bosons?*
- “Elementary Particle Physics Seminar” (Davis, USA), January 2001  
*Are there scalar bottom quarks with a mass around  $m_b$ ?*
- SLAC Theory Seminar (USA), September 2000  
*Light Scalar Bottoms: Precision Observables and Higgs Mass Constraints*
- CERN Theory Seminar (Switzerland), August 2000  
*Two-Loop Effects in the MSSM*
- “Elementarteilchenseminar” (Würzburg, Germany), June 2000  
*The MSSM Higgs Sector: Experimental and Theoretical Status*
- Seminar “Theory on Elementary Interactions” (Warsaw, Poland), May 2000  
*Hunting the Higgs: Theoretical Developments and Experimental Results*
- RAL Theory Seminar (RAL, UK), March 2000  
*The search for the Higgs: Theoretical developments and experimental results*
- DESY Theory Seminar (Hamburg, Germany), January 2000  
*Higgs at LEP: Past, Present and Future*
- Madison University (USA) June 1999,  
Brookhaven National Laboratory (USA) June 1999  
*Two-Loop Calculations in the MSSM Higgs Sector: New Results and Applications*
- DESY theory seminar (Zeuthen, Germany), May 1999  
*Calculations in the MSSM Higgs sector: New results and applications*
- H1/Hegra seminar, DESY (Hamburg, Germany), January 1999  
*What is the Mass of the Higgs Boson?*
- DESY theory seminar (Hamburg, Germany), November 1998  
*Applications of Two-Loop Calculations in the MSSM*
- University of Montpellier (France), May 1998  
*Diagrammatic Two-loop results for the Masses for the neutral CP-even Higgs Bosons in the MSSM*
- University of Vienna (Austria), June 1997  
*QCD corrections to  $\Delta\rho$  and  $\Delta r$  in the MSSM*
- University of Karlsruhe (Germany), October 1994  
*The decay  $h^0 \rightarrow A^0 A^0$  in the MSSM*

## For the public

- The IFT in the 2016 Madrid Science Week, November 2016  
*La Fórmula que describe el mundo*  
*The Formula that describes the World*
- ECFA-LC workshop (Santander, Spain), May 2016  
*Nuestro Conocimiento Fundamental de la Naturaleza: El Futuro es Lineal*  
*Our Fundamental Knowledge of Nature: The Future is Linear*
- Introduction to Physics for Students (University of Cantabria, Spain), May 2015  
*Theoretical Elementary Particle Physics - What is this?*
- Introduction to Physics for Students (University of Cantabria, Spain), May 2014  
*Theoretical Elementary Particle Physics - What is this?*
- CERN exhibition, Santander (Spain), April 2013  
*The Formula that describes the World / El Formula que describe El Mundo*
- Introduction to Physics for Students (University of Cantabria, Spain), May 2012  
*Theoretical Elementary Particle Physics - What is this?*
- Day for the public (“Tag der offenen Tür”) (LMU München), July 2004  
*Elementarteilchenphysik - Was ist das?*
- Day for the public (“Tag der offenen Tür”) (LMU München), July 2003  
*Elementarteilchenphysik - Was ist das?*