

List of talks

Sven Heinemeyer

Plenary talks on Conferences

- 1st Mediterranean Higgs Conference (Tangier, Morocco), September 2019
SUSY Higgs Boson Phenomenology
- Dark Side of the Universe (DSU, Buenos Aires, Argentina), July 2019
Global Fit to Dark Matter with Leptophobic Mediators
- HPNP2019 (Osaka, Japan), February 2019
Higgs Bosons below 125 GeV?!
- DM2018 (Santander, Spain), June 2018
Where is SUSY DM?!
- Asian Linear Collider Workshop (ALCW) 2018 (Fukuoka, Japan), May 2018
BSM Higgs Bosons at the LC
- Loops & Legs 2016 (St. Goar, Germany), April 2018
Automated High-Precision SUSY Production Cross Sections
- XXX. BSM Workshop (Bad Honnef, Germany), March 2018
Where We Will Find SUSY
- Conference on Particles and Cosmology (Nanyang university, Singapore), March 2018
Where We Will Discover SUSY
- LCWS 17 (Strasbourg, France) October 2017
Higgs Summary
- “LHC and Future Colliders” Conference, National Taiwan University, September 2017
SUSY Higgs Bosons in the Light of LHC Data
- ”OliveFest”, Minneapolis university (USA), May 2017
Keith and the MasterCode
- HPNP2017 (Toyama, Japan), March 2017
SUSY Higgs Bosons in the Light of LHC Data

- 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
- Tools 08 (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

- Red Future Colliders Workshop (Madrid, Spain), February 2020
Physics Opportunities at e^+e^- Colliders for Light Higgs Bosons
- 3rd FCC workshop (CERN), January 2020
Overview of EW theory needs for FCC-ee Higgs Physics
- 3rd FCC workshop (CERN), January 2020
Higgs Couplings in the NMSSM - Determining the Nature of BSM Physics
- Red Future Colliders Workshop, XI CPAN Days (Oviedo, Spain), October 2019
Physics Potential Studies - News
- 4th IBS-IPPP-MultiDark Workshop (Daejeon, Korea), October 2019
Global Fit to Dark Matter with Leptophobic Mediators
- MultiDark Network Workshop (Huelva, Spain), September 2019
SUSY Higgs-boson mass and Dark Matter Predictions
- IFT Program “Opportunities at Future High Energy Colliders” (Madrid, Spain), June/July 2019
Electroweak Precision Observables (at Future Colliders)

- Non-minimal Higgs Workshop (Helsinki, Finland), May 2019
Indications for a Higgs Bosons below 125 GeV
- 2rd Workshop of the Spanish LHC Network (UAM, Madrid, Spain), May 2019
Dark Matter Searches at the LHC: Full Analysis for Leptophobic Mediators
- MultiDark Network Workshop (Zaragoza, Spain), April 2019
Global Fit to Dark Matter with Leptophobic Mediators
- FCC-ee workshop (CERN), January 2019
BSM Higgs Physics for the FCC-ee
- "Spanish Future Collider Network" workshop (Santander, Spain), November 2018
Theory: BSM Higgs Bosons at the LC
- "Probing the Dark Universe" (Zaragoza, Spain), November 2018
Where we will find SUSY DM
- "The Future of Particle Physics" (Karlsruhe, Germany), September 2018
A New Higgs Boson at 96 GeV?!
- cHarged (Higgs) 2018 (Uppsala, Sweden), October 2018
LHC result interpretation: SM Higgs-Boson Measurements and BSM Higgs-Boson Searches
- "Multi-Higgs Models" workshop (Lisbon, Portugal), September 2018
SUSY Higgs Bosons at the LHC and Beyond
- "The SM and Beyond" (Corfu, Greece), September 2018
SUSY Higgs Bosons the LHC and ILC/CLIC
- 3rd FeynHiggs workshop (Würzburg University, Germany), July 2018
FeynHiggs Workshop introduction
- 2nd Workshop of the Spanish LHC Network (Ciemat, Madrid, Spain), May 2018
Round Table on "Supersymmetry"
- EDM Workshop (CERN), March 2018
EDMs in Connection with other Observables (in the MSSM)
- Spanish Future Accelerator Workshop (Valencia, Spain), March 2018
SUSY Prospects for ILC and CLIC
- "Renata" Workshop (Canfranc, Spain), February 2018
Where we will find SUSY DM
- Final MultiDark Meeting (IFT, Madrid, Spain), May 2017
SUSY Dark Matter at the LHC - a 7.5 Years Summary

- Final MultiDark Meeting (IFT, Madrid, Spain), May 2017
Direct detection prospects for SUSY DM - a 7.5 Years Summary
- Final MultiDark Meeting (IFT, Madrid, Spain), May 2017
MultiDark Consolider: SWG 5 Activities 2010-2017 (LHC, Particle Physics, Dark Matter)
- 2nd MasterCode Meeting (Bristol, UK), May 2017
Flavor Violation Effects/Analysis in the CMSSM
- LHCHXSWG NMSSM meeting (CERN), February 2017
NMSSM Benchmark Planes
- M_W workshop at Mainz university (Germany), February 2017
Theory Calculations of/for the W Boson Mass
- XIIIth meeting of the Spanish Network for Future Linear Colliders (Zaragoza, Spain), January 2017
Physics Motivatin for the ILC
- First FCC physics workshop (CERN), January 2017
Electroweak Precision Observables: Theory Future
- First FCC physics workshop (CERN), January 2017
Electroweak Precision Observables: Theory Status
- 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 LHCHSWG
- 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 – Feyn-Higgs 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

- IAS HEP Conference (Hong Kong, China), January 2020
A Higgs Boson at 96 GeV?!
- CEPC workshop 2019 (Beijing, China), November 2019
Theoretical Uncertainties for EW/Higgs Precision Measurements at CEPC
- Linear Collider World Conference (LCWS) 2019 (Sendai, Japan), October 2019
Impact of LC measurements on SUSY Higgs Sectors
- Linear Collider World Conference (LCWS) 2019 (Sendai, Japan), October 2019
SUSY Higgs Bosons: Reaching the LC Precision
- 31st Rencontres de Blois (France), June 2019
A 96 GeV Higgs Boson in the N^2 HDM
- SUSY19 (Corpus Cristi, USA), May 2019
New SUSY Higgs Benchmarks for the LHC - HL-LHC and ILC implications
- SUSY19 (Corpus Cristi, USA), May 2019
DM Predictions from the LHC
- SUSY19 (Corpus Cristi, USA), May 2019
Where is SUSY?
- SUSY19 (Corpus Cristi, USA), May 2019
Impact of Improved SUSY Higgs-boson mass predictions
- CEPC Workshop (Oxford, UK), April 2019
Theory Uncertainties for Higgs Couplings at CEPC
- HiggsCouplings 2018 (Tokyo, Japan), November 2018
Higgs Decays in the NMSSM
- Linear Collider World Conference (LCWS) 2018 (Arlington, USA), October 2018
SUSY Predictions for ILC and CLIC
- Linear Collider World Conference (LCWS) 2018 (Arlington, USA), October 2018
(N)MSSM Higgs Predictions for Production and Decay at the ILC and CLIC
- Linear Collider World Conference (LCWS) 2018 (Arlington, USA), October 2018
EW SUSY production at the ILC and CLIC
- SUSY18 (Barcelona, Spain), July 2018
Higgs Decays in the NMSSM

- SUSY18 (Barcelona, Spain), July 2018
High Precision Predictions for SUSY Higgs-Boson Masses
- HL/HE-LHC workshop (CERN), June 2018
BSM Higgs Bosons at the HL/HE-LHC
- LHCP 2018 (Bologna, Italy), June 2018
SUSY Particle Phenomenology at the LHC
- Asian Linear Collider Workshop (ALCW) 2018 (Fukuoka, Japan), May 2018
SUSY Predictions for ILC and CLIC
- Asian Linear Collider Workshop (ALCW) 2018 (Fukuoka, Japan), May 2018
Status and Future of EWPO at e^+e^- Colliders
- Asian Linear Collider Workshop (ALCW) 2018 (Fukuoka, Japan), May 2018
Higgs Predictions in the (N)MSSM: Towards the LC precision
- CLIC workshop (CERN), January 2018
SUSY Scenarios at Future Linear Colliders
- CEPC workshop (Beijing, China), November 2017
Theory Uncertainties for EWPO and Higgs at CEPC
- LCWS 17 (Strasbourg, France) October 2017
 $e^+e^- \rightarrow$ sleptons and charginos/neutralinos in the cMSSM at the Full One-Loop Level
- LCWS 17 (Strasbourg, France) October 2017
Status and Future of EWPO at e^+e^- Colliders
- AWLC 17 (SLAC), June 2017 *SUSY Predictions for ILC and CLIC*
- AWLC 17 (SLAC), June 2017 *(N)MSSM Higgs mass calculations: Towards the LC precision*
- AWLC 17 (SLAC), June 2017 *Theory Uncertainties for Precision Observables at the LC*
- PASCOS 2017 (IFT Madrid, Spain), June 2017
Where to find SUSY?!
- FCC week 2017 (Berlin Germany), May 2017
Precision Observables at FCC-ee: Status and Future
- 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 $m_{\tilde{t}_1/\tilde{t}_2}$ 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 cMSSM 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/cMSSM 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 cMSSM Higgs Sector: A complete 1-loop Calculation
- LC workshop (St. Malo, France), April 2002
The Higgs Boson Sector of the cMSSM: 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 $\mathcal{O}(\alpha\alpha_s)$ to the ρ 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

- Physics Colloquium at Puebla University (Mexico), March 2019
BSM Higgs Physics in the Light of Recent LHC Data
- DESY Colloquium (Hamburg/Zeuthen, Germany), March 2017
SUSY and its Higgs Bosons at the LHC and the ILC
- 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

- Theoretical Physics/Cosmos Seminar (Granada, Spain), March 2020
BSM Higgs Sectors at Future Colliders
- Particle Physics Seminar, LMU Munich (Germany), December 2019
BSM Higgs Sectors at Future Colliders - Xmas version
- LPTHE Seminar, Paris, August 2019
CFTP Seminar, Lisbon, July 2019
UZH+ETH Theory Seminar (Zurich, Switzerland), March 2019
IPPP Seminar (Durham, UK), February 2019
Bio Bio Particle Physics Seminar (Chillan, Chile), January 2019
A Higgs Boson below 125 GeV?!
- Particle Physics Seminar, LMU Munich (Germany), December 2018
A Higgs Boson below 125 GeV?! - Xmas version

- IPMU Particle Physics Seminar (Tokyo, Japan), December 2018
Where are the SUSY Higgs Bosons?
- LPTHE Particle Physics Seminar (Paris, France), July 2018
Where is SUSY DM?!
- Severo Ochoa Seminar (IFIC, Valencia, Spain), March 2018
SUSY Expectations for the LHC and ILC/CLIC
- Particle Physics Seminar, LMU Munich (Germany), December 2017
Theoretical Physics Seminar, Dortmund University (Germany) 2017
SUSY Predictions for the LHC and the ILC/CLIC - Xmas version
- NTU HEP Seminar (Taipei, Taiwan), September 2017
SUSY and its Higgs Bosons at the LHC
- Particle Physics Seminar, LPTHE (Paris, France), July 2017
SUSY, Dark Matter and five Higgs Bosons at the LHC
- Particle Physics Seminar, Padua University (Italy), June 2017
SUSY and its Higgs Bosons at the LHC
- Particle Physics Seminar, Basel University (Switzerland), April 2017
SUSY and its Higgs Bosons at the LHC
- Particle Physics GK seminar at Freiburg university (Germany), February 2017
SUSY and its Higgs Bosons at the LHC
- Particle Physics Seminar, LMU Munich (Germany), December 2016
SUSY Higgs Bosons in the Light of LHC Data – Xmas Edition
- 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/Higs 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 Δr 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?