

Data

Date of Birth 04/09/1985

Place of Birth Milan, Italy

Languages Italian (native), English (fluent), German (basic)

Work

Since 01/2023 **Research Staff Position of level II: “Primo Ricercatore”**, *Istituto Nazionale di Fisica Nucleare (INFN) - Bologna Division - Theory Group*, Bologna (Italy)

10/2021 - **Research Staff Position of level III: “Ricercatore”**, *Istituto Nazionale di Fisica Nucleare (INFN) - Bologna Division - Theory Group*, Bologna (Italy)
12/2022

11/2019 - **Postdoctoral position in Theoretical Particle Physics**, *DESY (Deutsches Elektronen-Synchrotron) - Theory Group*, Hamburg (Germany)
09/2021

11/2016 - **Postdoctoral position in Theoretical Particle Physics**, *Technische Universität München - Physik Department*, Garching bei München (Germany)
10/2019

11/2013 - **Postdoctoral position in Theoretical Particle Physics**, *Centre for Cosmology, Particle Physics and Phenomenology - CP3, Université Catholique de Louvain*, Louvain-la-Neuve (Belgium)
10/2016

Education

02/2010 - **PhD in Theoretical Particle Physics**, *Max-Planck-Institut für Physik*, Munich, International Max Planck Research School (IMPRS) on Elementary Particle Physics.
10/2013 Graduated (Dr. rer. nat.) at the Technische Universität München with Magna cum Laude, thesis submitted in June 2013

Thesis title: NLO Corrections to Production of Heavy Particles at Hadron Colliders

Supervisor: Prof. Wolfgang Hollik

09/2007 - **Master's degree in Physics (Laurea Magistrale in Fisica)**, *Università degli Studi di Milano*, Milan, Graduated with distinction
10/2009

Curriculum: Theoretical Physics.

Thesis title: Electroweak and strong corrections to the Drell-Yan process

Supervisor: Dr. Alessandro Vicini,

External Advisor: Dr. Paolo Nason INFN, Milano-Bicocca Division

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09/2004 - **Bachelor in Physics (Laurea Triennale in Fisica)**, *Università degli Studi di Milano*,
10/2007 Milan, Graduated with distinction

Thesis title: The Born-Infeld action for the electromagnetic field,
Supervisor: Prof. Daniela Zanon

09/1999 - **Liceo Scientifico PNI**, *Liceo scientifico Vittorio Veneto*, Milan, Graduated with
07/2004 100/100 and distinction for the oral test

Secondary school focused on sciences, with supplementary lectures of physics and mathematics.

Research interests and Expertise

Collider phenomenology: Standard Model, especially top-quark and Higgs physics, and BSM theories. Precise predictions, with a focus on electroweak corrections.

Radiative corrections: automation, fixed-order calculations and matching to shower algorithms.

Responsibilities at INFN

Local coordinator (Responsabile Locale) of the research network (Rete di Ricerca) P2C, since June 2026.

Coordinator of the Theory Group of INFN-Bologna, since 12/03/2026.

Member of the committee for the selection of fixed-term research positions ("Contratti di ricerca, incarichi postdoc e di ricerca") at the Bologna division of the INFN, 2026-2028.

Member of the committee for the selection of fellowship positions ("Assegni e Borse") at the Bologna division of the INFN, 2024-2026.

Member of the selection committee for one PostDoc position at the Bologna division of the INFN, 2023.

Substitute member of the committee for the selection of fixed-term research positions at the Bologna division of the INFN, 2022-2024.

President of the selection committee for one PostDoc position at the Bologna division of the INFN, 2021.

Responsibilities at Università di Bologna

Since November 2021: Adjunct Professor at the Department of Physics and Astronomy "Augusto Righi" (DIFA) of the Alma Mater Studiorum - Università di Bologna (UniBO).

Member of the steering committee of the PhD programme in Physics at the DIFA of UniBO, 2023-2026.

Member of three selection committees, each one for one PostDoc position in theory group of DIFA of UniBO, 2023.

Member (secretary) of the selection committee of the 38th cycle of the PhD programme in Physics at the DIFA of UniBO, 2022.

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Official Supervision of Students and PostDocs

- 2 **PostDoc:** Yang Ma (2022-2024), Guglielmo Coloretti (2026-2028)
- 3 **PhD Student:** Simone Meoni (2023-2026), Enrico Scantamburlo (co-supervisor, 2023-2026), Morgan Del Gratta (co-supervisor, 2025-2028)
- 4 **Master Students:** E. Celada, S. Tentori (2022), A. Sandroni (2023), M. Del Gratta (2025)

Teaching activities

One of the three 16-hour modules of the course “Theory of the Standard Model: Advanced Topics” in the academic years 2021/2022 - 2025/2026.

Lecturer at the Training Week “Introduction To Muon Beams And Applications” of the Workshop “Exploring the energy frontier with muon beams”, Galileo Galilei Institute, Florence, Italy, 30 June - 4 July 2025.

Lecturer at the International Iwate Collider School (ICS2023), Hachimantai, Japan, 27 February - 2 March 2023.

Discussion Leader at the 2022 CERN European School of High-Energy Physics, Jerusalem, Israel, 30 November - 13 December 2022.

Lecturer at the FeynRules/Madgraph School on Collider Phenomenology 2018, Hefei, China, 19 - 23 November 2018.

Discussion Leader at the 2018 CERN-JINR European School of High-Energy Physics, Maratea, Italy, 20 June - 3 July 2018.

Tutorial of Relativistic Quantum Mechanics at the Université Catholique de Louvain from October to December 2014.

Tutorial of Theoretical Mechanics at the Technische Universität München from May to August 2011 and correction of the exams.

Grants

Member of the INFN unit of the PRIN2026 Grant 2026PNCHKR (Collider Pathways to New Physics in the Precision Era). Total budget $\sim 1.200.000$ Euro.

Principal Investigator of the PRIN2022 Grant 2022EZ3S3F (Large Universal Electroweak Corrections: automated, fast and precise). Total budget ~ 190.000 Euro.

Scientific Habilitation (ASN)

Habilitation in Italy as Full Professor in Theoretical Physics of Fundamental Interactions (02/A2) since 25/06/2025 until 10/05/2037.

Habilitation in Italy as Associate Professor in Theoretical Physics of Fundamental Interactions (02/A2) since 10/05/2019 until 10/05/2030.

Review and Editorial Activities

Reviewer for the Alexander von Humboldt-Stiftung (Humboldt Research Fellowship for Postdocs) since 2025.

Referee for the Journal of High Energy Physics (JHEP) since 2015, Nuclear Physics B since 2017, the Journal of Physics G: Nuclear and Particle Physics since 2017, the European Physical Journal C (EPJ C) since 2019, SciPost since 2021, and Physics Letters B since 2024.

Other Activities

Member of committees of PhD defence: 2026 Université Catholique de Louvain, Louvain-la-Neuve (Belgium)

Organisation of Conferences and Workshops

Convener for the SM Precision Session of the Workshop LFC26 - Fundamental Interactions at Future Colliders, Trieste, Italy, 21 - 25 September 2026.

Convener for the BSM Session of the Workshop on High Luminosity LHC and Hadron Colliders, LNF Frascati, Italy, 1 - 4 October 2024.

Member of the Local Organising Committee and of the Program Committee of the Higgs and Effective Field Theory (HEFT) Workshop 2024, Bologna, Italy, 12 - 14 June 2024.

Member of the Program Committee of the Twelfth Annual Conference on Large Hadron Collider Physics (LHCP2024), Boston, United States, 3 - 7 June 2024.

Convener for the “Energy Frontier” Session of Incontri di Fisica delle Alte Energie 2024 (IFAE 2024), Florence, Italy, 3 - 5 April 2024.

Convener for the Electroweak Parallel Session at the Ninth Annual Conference on Large Hadron Collider Physics (LHCP2021), Online, Italy, 7 - 12 June 2021.

Convener for the Parallel Session on Hadronic and Electroweak Observables at the XXVII International Workshop on Deep Inelastic Scattering (DIS19), Turin, Italy, 8 - 12 April 2019.

Convener for the Electroweak Parallel Session at the Sixth Annual Conference on Large Hadron Collider Physics (LHCP2018), Bologna, Italy, 3 - 9 June 2018.

Coorganizer of the 2015-2016 seminars at the CP3, Université catholique de Louvain.

Publications

At the moment (08-10-2026) I am the author of 41(66) publications(citable documents), which have received a total of 4404(9613) citations according to the iNSPIRE database: h-index = 27(35). The full and updated list of publications can be found at this link: <http://inspirehep.net/author/profile/D.Pagani.1>

L. Jerala, R. Frederix, M. Muškinja, D. Pagani, M. Zaro, T. Vitos,
Resonance-aware electroweak Sudakov reweighting for multijet-merged predictions,
arXiv:2610.08950

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- M. Del Gratta, F. Maltoni, D. Pagani, G. Pelliccioli**, *Limitations of quantum tomography in Higgs-boson decays to four leptons*, arXiv:2609.25217
- T. Bevilacqua et al.**, *Simulations and flavour-scheme studies for Higgs-boson production in association with charm quarks*, arXiv:2608.26863
- G. Durieux, H. El Faham, R. Frederix, D. Pagani, M. Zaro**, *The inseparable three and four tops*, arXiv:2607.27323
- I. Brivio, S. Meoni, D. Pagani**, *ALP pair production at the LHC*, arXiv:2607.21712
- M. Del Gratta, F. Fabbri, P. Lamba, F. Maltoni, D. Pagani**, *Precise Standard Model predictions for quantum properties in $H \rightarrow ZZ^* \rightarrow 4l$* , Eur.Phys.J.Plus 141 (2026) 6, 710
- J. Ding, et al.**, *Constraining the Higgs potential using multi-Higgs production*, SciPost Phys.Comm.Rep. 24 (2026), arXiv:2601.13248
- M. Del Gratta, F. Fabbri, M. Grossi, F. Maltoni, D. Pagani, G. Pelliccioli, A. Vicini**, *Z-boson quantum tomography at next-to-leading order*, JHEP 02 (2026) 056, arXiv:2509.20456
- S. Frixione, F. Maltoni, D. Pagani, M. Zaro**, *Double neutral-current corrections to NLO electroweak leptonic cross sections*, JHEP 10 (2025) 224, arXiv:2506.10732
- S. Frixione, F. Maltoni, D. Pagani, M. Zaro**, *Precision phenomenology at multi-TeV muon colliders*, JHEP 09 (2025) 036, arXiv:2506.10733
- M. Del Gratta, F. Fabbri, P. Lamba, F. Maltoni, D. Pagani**, *Quantum properties of $H \rightarrow VV^*$: precise predictions in the SM and sensitivity to new physics*, JHEP 09 (2025) 013, arXiv:2504.03841
- Y. Afik et al.**, *Quantum Information meets High-Energy Physics: Input to the update of the European Strategy for Particle Physics*, Eur. Phys. J. Plus (2025) 140:855, arXiv:2504.00086
- R. Balsach et al.**, *State-of-the-art cross sections for $t\bar{t}H$: NNLO predictions matched with NNLL resummation and EW corrections*, SciPost Phys. Comm. Rep. 10 (2025), arXiv:2503.15043
- H. El Faham, K. Mimasu, D. Pagani, C. Severi, E. Vryonidou, M. Zaro**, *Electroweak corrections in the SMEFT: four-fermion operators at high energies*, JHEP 06 (2025) 241, arXiv:2412.16076
- Y. Ma, D. Pagani, M. Zaro**, *EW corrections and Heavy Boson Radiation at a high-energy muon collider*, Phys.Rev.D 111 (2025) 5, 053002, arXiv:2409.09129
- F. Maltoni, D. Pagani, S. Tentori**, *Top-quark pair production as a probe of light top-philic scalars and anomalous Higgs interactions*, JHEP 09 (2024) 098, arXiv:24066.06694
- E. Celada et al.**, *Probing Higgs-muon interactions at a multi-TeV muon collider*, JHEP 08 (2024) 021, arXiv:2312.13082
- S. Blasi, F. Maltoni, A. Mariotti, K. Mimasu, D. Pagani, S. Tentori**, *Top-philic ALP phenomenology at the LHC: the elusive mass-window*, JHEP 06 (2024) 077, arXiv:2311.16048

- D. Pagani, M. Zaro, T. Vitos**, *Improving NLO QCD event generators with high-energy EW corrections*, Eur.Phys.J.C 84 (2024) 5, 514, arXiv:2309.00452
- L. Darmé et al.**, *UFO 2.0 – The Universal Feynman Output format*, Eur.Phys.J. C83 (2023) 7, 631, arXiv:2304.09883
- D. Pagani, M. Zaro**, *One-loop electroweak Sudakov logarithms: a revisitation and automation*, JHEP 02 (2022) 161, arXiv:2110.03714
- D. Pagani, H.S. Shao, I. Tsinikos, M. Zaro**, *Automated EW corrections with isolated photons: $t\bar{t}\gamma$, $t\bar{t}\gamma\gamma$ and $t\gamma j$ as case studies*, JHEP 09 (2021) 155, arXiv:2106.02059
- D. Pagani, I. Tsinikos, E. Vryonidou**, *NLO QCD+EW predictions for tHj and tZj production at the LHC*, JHEP 08 (2020) 082, arXiv:2006.10086
- D. Pagani, H.S. Shao, M. Zaro**, *RIP $Hb\bar{b}$: how other Higgs production modes conspire to kill a rare signal at the LHC*, JHEP 11 (2020) 036, arXiv:2005.10277
- B. Di Micco et al.**, *Higgs boson potential at colliders: Status and perspectives*, Rev.Phys. 5 (2020) 100045, arXiv:1910.00012
- R. Frederix, D. Pagani, I. Tsinikos**, *Precise predictions for single-top production: the impact of EW corrections and QCD shower on the t -channel signature*, JHEP 09 (2019) 122, arXiv:1907.12586
- A. Broggio, A. Ferroglia, R. Frederix, D. Pagani, B.D. Pecjak, I. Tsinikos**, *Top-quark pair hadroproduction in association with a heavy boson at NLO+NNLL including EW corrections*, JHEP 08 (2019) 039, arXiv:1907.04343
- M. Czakon et al.**, *Top quark pair production at complete NLO accuracy with NNLO+NNLL' corrections in QCD*, Chin.Phys.C 44 (2020) 8, arXiv:1901.08281
- S. Borowka, C. Duhr, F. Maltoni, D. Pagani, A. Shivaji, X. Zhao**, *Probing the scalar potential via double Higgs boson production at hadron colliders*, JHEP 04 (2019) 016, arXiv:1811.12366
- R. Frederix, S. Frixione, V. Hirschi, D. Pagani, H.S. Shao, M. Zaro**, *The automation of next-to-leading order electroweak calculations*, JHEP 07 (2018) 185, arXiv:1804.10017
- F. Maltoni, D. Pagani, X. Zhao**, *Constraining the Higgs self couplings at e^+e^- colliders*, JHEP 07 (2018) 087, arXiv:1802.0761
- M. Czakon, D. Heymes, A. Mitov, D. Pagani, I. Tsinikos, M. Zaro**, *The top-quark charge asymmetry at the LHC and Tevatron through NNLO QCD and NLO EW*, Phys.Rev. D98 (2018) 1, 014003, arXiv:1711.03945
- R. Frederix, D. Pagani, M. Zaro**, *Large NLO corrections in $t\bar{t}W^\pm$ and $t\bar{t}t\bar{t}$ hadroproduction from supposedly subleading EW contributions*, JHEP 02 (2018) 031, arXiv:1711.02116
- F. Maltoni, D. Pagani, A. Shivaji, X. Zhao**, *Trilinear Higgs coupling determination via single-Higgs differential measurements at the LHC*, Eur.Phys.J.C 77 (2017) 12, 887, arXiv:1709.08649

M. Czakon, D. Heymes, A. Mitov, D. Pagani, I. Tsinikos, M. Zaro, *Top-pair production at the LHC through NNLO QCD and NLO EW*, JHEP 10 (2017) 186, arXiv:1705.04105

R. Frederix, S. Frixione, V. Hirschi, D. Pagani, H.S. Shao, M. Zaro, *The complete NLO corrections to dijet hadroproduction*, JHEP 04 (2017) 076, arXiv:1612.06548

G. Degrandi, P.P. Giardino, F. Maltoni, D. Pagani, *Probing the Higgs self coupling via single Higgs production at the LHC*, JHEP 12 (2016) 080, arXiv:1607.04251

D. Pagani, I. Tsinikos, M. Zaro, *The impact of the photon PDF and electroweak corrections on $t\bar{t}$ distributions*, Eur.Phys.J.C 76 (2016) 9, 479, arXiv:1606.01915

V. Bertone, S. Carrazza, D. Pagani, M. Zaro, *On the Impact of Lepton PDFs*, JHEP 11 (2015) 194, arXiv:1508.07002

F. Maltoni, D. Pagani, I. Tsinikos, *Associated production of a top-quark pair with vector bosons at NLO in QCD: impact on $t\bar{t}H$ searches at the LHC*, JHEP 02 (2016) 113, arXiv:1507.05640

W. Hollik, J. M. Lindert, E. Mirabella, D. Pagani, *Electroweak corrections to squark-antisquark production at the LHC*, JHEP 08 (2015) 099, arXiv:1506.01052

S. Frixione, V. Hirschi, D. Pagani, H.S. Shao, M. Zaro, *Electroweak and QCD corrections to top-pair hadroproduction in association with heavy bosons*, JHEP 06 (2015) 184, arXiv:1504.03446

S. Frixione, V. Hirschi, D. Pagani, H.S. Shao, M. Zaro, *Weak corrections to Higgs hadroproduction in association with a top-quark pair*, JHEP 09 (2014) 065, arXiv:1407.0823

W. Hollik, J. M. Lindert, D. Pagani, *On cascade decays of squarks at the LHC in NLO QCD*, Eur.Phys.J.C 73 (2013) 2410, arXiv:1303.0186

W. Hollik, J. M. Lindert, D. Pagani, *NLO corrections to squark-squark production and decay at the LHC*, JHEP 03 (2013) 139, arXiv:1207.1071

W. Hollik, D. Pagani, *The electroweak contribution to the top quark forward-backward asymmetry at the Tevatron*, Phys.Rev.D 84 (2011) 093003, arXiv:1107.2606

Proceedings and reports

MuCoL Collaboration - Accettura et al., *MuCoL Milestone Report No. 7: Consolidated Parameters*, arXiv:2510.27437

MuCoL Collaboration - Accettura et al., *The Muon Collider*, arXiv:2504.21417

MuCoL Collaboration - Accettura et al., *MuCoL Milestone Report No. 5: Preliminary Parameters*, arXiv:2411.02966

Y. Ma et al., *Higgs-muon interactions at a multi-TeV muon collider*, arXiv:2410.06991

International Muon Collider Collaboration - Accettura et al., *Interim report for the International Muon Collider Collaboration (IMCC)*, CERN Yellow Rep.Monogr. 2 (2024), arXiv:2407.12450

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A. Broggio, A. Ferroglia, R. Frederix, D. Pagani, B.D. Pecjak, I. Tsinikos, *$t\bar{t}X$ calculations and modelling*, PoS LHCP2021 (2021) 073

HL-LHC and HE-LHC Working Group, *Standard Model Physics at the HL-LHC and HE-LHC*, arXiv:1902.04070

Physics of the HL-LHC Working Group, *Higgs Physics at the HL-LHC and HE-LHC*, arXiv:1902.00134

M. Czakon et al., *NNLO versus NLO multi-jet merging for top-pair production including electroweak corrections*, arXiv:1901.04442

D. d'Enterria et al., *PHOTON-2017 conference proceedings*, arXiv:1812.08166

M. Czakon, D. Heymes, A. Mitov, D. Pagani, I. Tsinikos, M. Zaro, *Top-quark pair production at NNLO QCD + NLO EW accuracy: Tevatron results*, arXiv:1712.04842

D. Pagani, *Top-quark pair production at NNLO QCD and NLO EW accuracy*, arXiv:1708.09680

LHC Higgs Cross Section Working Group, *Handbook of LHC Higgs Cross Sections: 4. Deciphering the Nature of the Higgs Sector*, arXiv:1610.07922

M.L. Mangano et al., *Physics at a 100 TeV pp collider: Standard Model processes*, arXiv:1607.01831

J.R. Andersen et al., *Les Houches 2015: Physics at TeV Colliders Standard Model Working Group Report*, arXiv:1605.04692

D. Pagani, *Electroweak corrections in top physics (2)*, PoS TOP2015 (2016) 051

W. Hollik, J. M. Lindert, D. Pagani, *Combined squark-squark production and decay at next-to-leading order*, PoS(ICHEP2012)114

D. Pagani, *The electroweak contribution to top quark pair production: cross sections and asymmetries*, arXiv:1212.0808

D. Pagani, *Top quark forward-backward asymmetry at the Tevatron: the electroweak contribution*, PoS CORFU2011 (2011) 027, arXiv:1205.6182

Talks and Seminars

09/04/2026 **SM@LHC 2026**, Turin, Italy, Talk on invitation

18/02/2026 **COMETA workshop on electroweak evolution and electroweak showers**, Graz, Austria, Talk on invitation

08/07/2025 **Exploring the energy frontier with muon beams**, Galileo Galilei Institute, Arcetri, Italy, Talk on invitation

08/05/2025 **13th Annual Large Hadron Collider Physics (LHCP2025) Conference**, Taipei, Taiwan, Talk on invitation

07/05/2025 **13th Annual Large Hadron Collider Physics (LHCP2025) Conference**, Taipei, Taiwan, Plenary Talk on invitation

23/01/2025 **Workshop on FCC-ee and Lepton Colliders**, Frascati, Italy, Talk on invitation

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- 24/10/2024 **2024 International Workshop on the High Energy Circular Electron Positron Collider (CEPC)**, *Hangzhou*, China, Talk on invitation
- 17/09/2024 **LFC2024: 12th edition of the Lepton Future Collider (LFC) Workshop**, *Trieste*, Italy, Talk on invitation
- 23/07/2024 **ATLAS HQT meeting**, *CERN*, Switzerland, Talk on invitation
- 25/04/2024 **LHC Top WG**, *CERN*, Switzerland, Talk on invitation
- 21/03/2024 **ATLAS Top-Quark meeting**, *Online*, External theory talk on invitation
- 29/01/2024 **ATLAS TOP Italia**, *Bologna*, Italy, External theory talk on invitation
- 16/11/2023 **Muon Collider Physics Benchmark Workshop**, *Pittsburgh*, US, Talk on invitation
- 04/10/2023 **Theory Challenges in the Precision Era of the Large Hadron Collider**, *Galileo Galilei Institute, Arcetri*, Italy
- 20/06/2023 **International Muon Collider Collaboration (IMCC) Annual Meeting 2023**, *IJCLab, Orsay*, France, Talk on invitation
- 16/05/2023 **CMS HWW 2023 WorkShop**, *Oviedo*, Spain, External theory talk on invitation
- 28/11/2022 **QCD@LHC 2022 Workshop**, *IJCLab Orsay*, France, Plenary Talk on invitation
- 28/09/2022 **DESY Theory Workshop**, *DESY*, Germany
- 24/08/2022 **Multi-Boson Interactions Workshop 2022**, *Shanghai*, China, Talk on invitation (Online)
- 09/05/2022 **TPP Seminar at University of Sussex**, *Brighton*, UK, Seminar on invitation
- 28/04/2022 **Joint Phenomenology Seminars**, *Milan*, Italy, Seminar on invitation
- 16/11/2021 **MadGraph/FeynRules meeting 2021**, *Bonn*, Germany
- 26/10/2021 **CPPS Seminar**, *Siegen*, Germany, Seminar on invitation (online)
- 27/04/2021 **SM@LHC 2021 Conference**, *Online Edition*, Talk on invitation
- 27/05/2020 **Eighth Annual Large Hadron Collider Physics (LHCP2020) Conference**, *Online Edition*, Talk on invitation
- 28/01/2020 **DESY CMS TOP group meeting**, *DESY*, Germany, Seminar on invitation
- 14/01/2020 **Zurich Phenomenology Workshop 2020**, *Zurich*, Switzerland, Talk on invitation
- 20/12/2019 **Milan Christmas Meeting 2019**, *Milan*, Italy
- 18/12/2019 **LHC EW WG General Meeting**, *CERN*, Switzerland, Talk on invitation
- 05/12/2019 **Particle-Physics Seminar at VUB**, *Brussels*, Belgium, Seminar on invitation
- 23/10/2019 **Meeting of the be.h EOS**, *Ghent*, Belgium, Talk on invitation
- 06/06/2019 **Particle-Physics Seminar**, *Würzburg*, Germany, Seminar on invitation
- 24/05/2019 **Seventh Annual Large Hadron Collider Physics (LHCP2019) Conference**, *Puebla*, Mexico, Plenary Talk on invitation
- 12/04/2019 **XXVII International Workshop on Deep Inelastic Scattering and Related Subjects (DIS2019)**, *Turin*, Italy, Summary Talk for one of the parallel sessions
- 07/03/2019 **Theory Seminar**, *Durham*, UK, Seminar on invitation
- 20/12/2018 **Milan Christmas Meeting 2018**, *Milan*, Italy
- 30/11/2018 **Higgs Couplings 2018 Workshop**, *Tokyo*, Japan, Plenary Talk on invitation

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11/10/2018 **Theory Seminar**, *NIKHEF*, The Netherlands, Seminar on invitation
 17/09/2018 **Top2018 - 11th International Workshop on Top Quark Physics**, *Bad Neuenahr*, Germany, Talk on invitation
 27/08/2018 **QCD@LHC 2018 Workshop**, *Dresden*, Germany
 11/04/2018 **SM@LHC 2018 Conference**, *Berlin*, Germany, Talk on invitation
 19/12/2017 **Milan Christmas Meeting 2017**, *Milan*, Italy
 19/09/2017 **Top2017 - 10th International Workshop on Top Quark Physics**, *Braga*, Portugal, Talk on invitation
 24/05/2017 **2017 International Conference on the Structure and the Interactions of the Photon**, *CERN*, Switzerland, Talk on invitation
 18/05/2017 **Fifth Annual Large Hadron Collider Physics (LHCP2017) Conference**, *Shanghai*, China, Talk on invitation
 27/04/2017 **Particle Physics Seminar**, *Turin*, Italy, Seminar on invitation
 19/01/2017 **1st FCC Physics Workshop**, *CERN*, Switzerland, Talk on invitation
 21/12/2016 **Milan Christmas Meeting 2016**, *Milan*, Italy
 08/12/2016 **CMS HH-Workshop**, *Louvain-la-Neuve*, Belgium, Talk on invitation
 11/11/2016 **Higgs Couplings 2016 Workshop**, *SLAC*, US
 20/10/2016 **BSM Seminar**, *CERN*, Switzerland, Seminar on invitation
 06/09/2016 **HP2 2016 Workshop**, *Buenos Aires*, Argentina
 23/08/2016 **QCD@LHC 2016**, *Zurich*, Switzerland
 21/12/2015 **Milan Christmas Meeting 2015**, *Milan*, Italy
 20/11/2015 **BSM and Madgraph for the LHC and Future Colliders**, *Beijing*, China
 08/10/2015 **QCD, EW and tools at 100 TeV Workshop**, *CERN*, Switzerland
 30/09/2015 **DESY Theory Workshop**, *DESY*, Germany
 17/09/2015 **Top2015 - 8th International Workshop on Top Quark Physics**, *Ischia*, Italy, Talk on invitation
 03/09/2015 **Multi-Boson Interactions Workshop 2015**, *DESY*, Germany, Talk on invitation
 19/06/2015 **Fundamental Interactions and IAP Meeting**, *Brussels*, Belgium
 12/05/2015 **Particle Physics Seminar**, *Zurich*, Switzerland, Seminar on invitation
 27/03/2015 **Madgraph5_aMC@NLO Femto Workshop**, *IPMU*, Japan
 18/02/2015 **Parton Distributions for the LHC Workshop**, *Benasque*, Spain, Talk on invitation
 22/10/2014 **Hamburg Workshop on Higgs Physics**, *DESY*, Germany
 11/08/2014 **Top Quark Physics Day**, *Garching bei Munich*, Germany
 30/09/2012 **7th International Workshop on the CKM Unitarity Triangle**, *Cincinnati*, US, Talk on invitation
 06/09/2012 **HP2 2012 Workshop**, *Munich*, Germany
 05/07/2012 **ICHEP2012: 36th International Conference on High Energy Physics**, *Melbourne*, Australia
 27/01/2012 **LHCPhenoNet Winter School**, *Ascona*, Switzerland

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13/09/2011 **1st Summer School of ITN**, *Corfu*, Greece

10/05/2011 **PHENO11: 2011 Phenomenology Symposium**, *Madison*, US

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