



Prof. Dr. Michael Tytgat

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EDUCATION – DEGREES – CERTIFICATES

Nov. 2020: Radiation Protection Officer (Installations of Class III, II and IIa), UGent
Dec. 2016: First Aider – Level 1, CERN, Genève
Jun. 2016: Nijverheidshelper Vlaamse Kruis, UGent
May 2012: Basic teacher training, UGent
Mar. 2001: PhD in Science: Physics (summa cum laude), UGent; PhD thesis “*Diffraction Production of ρ^0 and ω Vector Mesons at HERMES*”
Oct. 1999: PhD training in Physics, UGent
Jul. 1995: License in Physics (magna cum laude), UGent; thesis “*Verkennde studie van Virtuele Compton Verstrooiing*” (An Exploratory Study of Virtual Compton Scattering)
Jul. 1993: Candidate in Physics (magna cum laude), UGent
Jun. 1991: High School, Mathematics, Royal Atheneum Kortrijk, Kortrijk, Belgium

SCIENTIFIC PRIZES AND RECOGNITIONS

2025: Mentor/VUB proxy of Charlotte Van Hulse, Odysseus Type I project G0ASD25N “Study of the multi-dimensional hadron structure and formation”, 2.5MEuro, 2026-2030, VUB
2025: Breakthrough Prize in Fundamental Physics by the Breakthrough Prize Foundation, for the ATLAS, CMS, ALICE and LHCb Collaborations at the CERN LHC, for their “detailed measurements of Higgs boson properties confirming the symmetry-breaking mechanism of mass generation, the discovery of new strongly interacting particles, the study of rare processes and matter-antimatter asymmetry, and the exploration of nature at the shortest distances and most extreme conditions at CERN’s Large Hadron Collider”
2020: Annual Science Communication Award of the Royal Flemish Academy of Belgium for Science and the Arts & the Young Academy for the conceiving and leading the Cool Physics Days outreach project
2013: European Physical Society High Energy and Particle Physics Prize, for an outstanding contribution to High Energy Physics, awarded to the ATLAS and CMS collaborations, “for the discovery of a Higgs boson, as predicted by the Brout-Englert-Higgs mechanism”
2007: Certificate of excellence, Pre-SUSY07 Summer School, 23-25 July, 2007, Karlsruhe, Germany (top 10% best students out of 220 participants)
1997: Scientific Prize of the Belgian Physical Society for the best Dutch Master thesis in experimental physics
1991: High School graduation: 1st Prize Mathematics & Sciences; 1st Prize of the City of Kortrijk for best performing student; 1st Prize of the personnel association for most deserving student

CAREER HISTORY

Oct. 2024-present: Director of the joint VUB-ULB Inter-University Institute for High Energies (IIHE)
Feb. 2023- present: Associate Professor, Dept. Physics, VUB
Feb. 2023- present : Guest Professor, Dept. Physics and Astronomy, UGent
Oct. 2016 – Sep. 2023: Guest Lecturer, Service de Physique Nucléaire et Subnucléaire, Département de Physique, UMon
May 2012 – Feb. 2023: Detector R&D Research Engineer (ATP-A+), Dept. Physics and Astronomy, UGent
Oct. 2010 – Nov. 2012: Postdoctoral Assistant, Dept. Physics and Astronomy, UGent
Sep. 2006 – Nov. 2007: CERN-CMG Visiting Scientist, CERN, Genève, Switzerland
Oct. 2001 – Oct. 2010: Postdoctoral Fellow FWO-Flanders, Dept. Physics and Astronomy, UGent
May 2001 – Oct. 2001: Postdoctoral Scientific Assistant, Dept. Physics and Astronomy, UGent
Sep. 1995 – May 2001: Scientific Assistant, Dept. Physics and Astronomy, UGent

ACADEMIC TEACHING

- *Building blocks of matter*, 3rd Bach. Engineering Sciences, Applied Physics, UGent, 2004-2006 & 2007-2009, practical exercises

- *Statistics and Data Analysis*, 2nd Bach. Physics and Astronomy, UGent, 2005-2006 & 2007-2008, exercises
- *Subatomic Physics II*, 1st Master Physics and Astronomy, UGent, 2008-2009, exercises
- *Bachelor project*, 3rd Bach. Physics and Astronomy, UGent, 2008-2009, 2011-2014, medelesgever; 2009-2011, 2014-2015, principal lecturer
- Supervisor of *Bachelorprojects* (1-2 students per academic year), UGent, 2008-2022, offering various topics (e.g. mobile radiation detector, automated weather station, cosmophone, rail gun, cloud chamber, physics demo setup, construction of glass RPCs ...)
- *Nuclear Instrumentation*, Master of Science in Physics and Astronomy, Master of Science in Engineering Physics, Master of Science in Nuclear Fusion Science and Engineering Physics, UGent, 2014-2015, co-lecturer
- *Particle Radiation Detection and Measurement*, Master of Science in Physics, UMONS, 2016-2023, principal lecturer; Master in Physics and Astronomy, VUB, 2024-present, principal lecturer
- *Experimentele Stralings- en Kwantumfysica*, Bachelor in Physics and Astronomy, VUB, 2023-present, principal lecturer
- *Fysica in de maatschappij*, Bachelor in Physics and Astronomy, VUB, 2024-present, principal lecturer

SELECTED SERVICES – COMMITTEES – COUNCILS

Apr.-May 2025: Chair selection committee for a 10% Professor in the Physics and Astronomy Department, VUB

Mar. 10, 2025: Jury member mock interviews FWO Odysseus Type 2 candidates, VUB

Oct. 2024 – present: Director Inter-University Institute for High Energies (IIHE), VUB

Oct. 2024-present: Member of the Committee for Infrastructure, VUB

2024-2028: Member of the FWO Review College, FWO-Flanders

Sep. 2023-Sep. 2024: Academic Secretary, Faculty of Sciences and Bioengineering Sciences, VUB

Sep. 2023: Member of selection committee Technical Engineer for CMS project, VUB-DNTK

Aug. 2023-present: Radiation Protection Officer (AgSB), Physics Department, VUB

Jun. 2023: Member of selection committee Teaching Assistant (“Mandaatassistent”), Physics Department, VUB

Jun. 2023-present: Member of the Curriculum Board DNTK-OR (opleidingsraad), VUB

Feb. 2023-present: Member of Physics Educational Board, VUB

Feb. 2023-present: Member of Physics Department Council (DNTK), VUB

2019-2023: Radiation Protection Officer, Dept. of Physics and Astronomy, UGent

2017-2019: Invited member of the European Physical Society – High Energy Particle Physics Board (EPS-HEPP)

2014-2019: Belgian representative in the Advisory Committee of CERN Users (ACCU)

2009-present: Belgian representative in the CALICE Steering Board

2009-present: Board member of the Belgian Physical Society Board

2008-2012: Member of the Faculty of Science Council, UGent

2008-2012: Member of the Educational Committee Physics and Astronomy, UGent

2007-2012, 2019 - 2023 : Member of the Departmental Council Physics and Astronomy, UGent

2003-2004: Representative of the Elementary Particle Physics group for the BELNET GRID Computing Initiative Project at UGent

INTERNATIONAL SCIENTIFIC MANAGEMENT

Feb. 2025-present: Member of ILD Institute Assembly (VUB representative)

Feb. 2025-present: DRD6 WP1 Steering Group member (Timing-SDHCAL contact person), CERN

Jan. 2025-present: Governing Board member (VUB representative) Horizon Europe “Innovate for Sustainable Accelerating Systems” (iSAS) project (<https://indico.jlab.in2p3.fr/category/519/>)

Dec. 2024-present: Belgian National contact for FCC PED study, CERN

Dec. 2024-present: Member of CMS Collaboration Board (as deputy Team Leader of CMS-VUB), CERN

Dec. 2024-present: CMS-VUB Deputy Team Leader, CERN

Nov. 2024-present: Belgium-FWO representative in the CMS Tracker Finance Board, CERN

Nov. 2024-present: Member of the CMS Tracker Institute Board, CERN

Jun.2024-present: DRD1 Management Board (RPC Tech. Representative) (~165 int'l institutes), CERN

Jan.2023-present: DRD1 WG1 co-convenor (Detector Technologies) (~165 int'l institutes), CERN

Sep. 2023-Aug. 2025: Member of the CMS Schools Committee, CERN

Sep. 2022 - Aug. 2024: CMS Muon-RPC Institution Board Chair, CERN (~26 int'l institutes), CERN

Sep. 2021- Aug. 2023: ORIGIN-CMS Committee Chair (Art-Science-Education projects), CERN

2020-present: Convenor of the RPC Muon Reconstruction group, CERN

2018 – 2020: CMS Deputy Muon Institution Board Chair (~70 int'l institutes), CERN

2018 – 2020: CMS Muon Management Board (level -1 CMS management), CERN

2015 - 2018: CMS Muon-GEM Institution Board Chair, CERN
 2015 - 2016: CMS Muon-RPC Upgrade Coordinator, CERN (level-2 CMS management)
 2015 - 2023: Ghent Production Site Manager for the CMS Muon Phase-2 upgrade (RPC & GEM)
 2015 - present: Member of the ILD Institute Assembly
 2011 - 2015: CMS Executive Board member (level -1 CMS management), CERN
 2011 - 2015: CMS Muon-RPC Deputy Project Manager, CERN (level-1 CMS management)
 2011 - 2015: CMS Muon-GEM Deputy Project Manager, CERN (level-1 CMS management)
 2009 - 2023: Member of the RD51 Collaboration Board
 2009 - present: Member (Belgian representative) of the CALICE Steering Board
 2009 - 2015: Ghent Production Site Manager for the CMS Muon-RPC Phase-1 upgrade
 2007 - 2024: CMS Collaboration Board member (as effective/deputy Team Leader of CMS-Ghent), CERN
 2004 - 2006: HERMES Recoil Photon Detector Project Manager, DESY Hamburg

BRIEF SUMMARY OF SCIENTIFIC ACTIVITIES

- Participation in several international experimental collaborations: VCS@MAMI (1994-1997, nucleon polarizability studies); HERMES@HERA (1995-2007, nucleon structure functions, vector meson production, RICH and recoil detector construction); CMS@LHC (2006-present, BSM physics searches, muon system construction and upgrades); CALICE (2009-present, digital hadronic calorimeter development for ILC-like detectors); RD51 (2009-2023, GEM development for CMS upgrades); ILC/ILD (2014-present, digital hadronic calorimeter development); AIDA2020 Advanced European Infrastructures for Detectors at Accelerators (2016-2020, WP13: Innovative Gas Detectors); RPC EcoGas@GIF++ Collaboration (2018-present, RPC ecogas aging studies @ GIF++, with members/detectors from CMS, ATLAS, ALICE, LHCb and CERN EPDT); AIDAInnova (2021-2025, WP7: Gaseous Detectors, Task 7.2 Multigap RPCs for fast timing and Eco-friendly gas mixtures for RPCs); Belgian Portable Muoscope project (2017-present, development of a portable gRPC-based muon telescope); Muraves @ Vesuvius collaboration (2019-present, muon radiography of volcanoes); SciDEP @ Giza pyramids (2020-present, muon radiography of Egyptian Great Pyramids); DRD1 R&D Collaboration on Gaseous Detectors Technologies & DRD6 R&D Collaboration on Calorimetry (2023-present)
- (Co-)author of 1778 citeable papers in total, including 1598 peer-reviewed; 218k citations; h-index: 206 (source [Inspire](#))
- Editor of
 - *CMS Technical Design Report for the Muon Endcap GEM Upgrade*, CERN-LHCC-2015-012, CMS-TDR-013, ISBN 978-92-9083-396-3
 - *Proceedings of the 13th Workshop on Resistive Plate Chambers and Related Detectors (RPC2016)*, Ghent, Belgium, Feb. 22-26, 2016 (51 published papers)
 - *Proceedings of the European Physics Society Conference on High Energy Physics 2019 (EPSHEP2019)*, Ghent, Belgium, July. 10-17, 2019 (409 published papers)
 - *Proceedings of the International Workshop on Cosmic-Ray Muography (Muography2021)*, Ghent, Belgium, Nov. 24-26, 2021 (35 published papers), DOI: [10.31526/jais.2022](https://doi.org/10.31526/jais.2022);
 - *Proceedings of the International Workshop on Cosmic-Ray Muography (Muography2023)*, Naples, Italy, Jun. 19-22, 2023 (22 papers), DOI: [10.31526/jais.2024](https://doi.org/10.31526/jais.2024)
 - *DRD1 Extended R&D Proposal – development of Gaseous Detectors Technologies*, CERNDRDC-2024-003; DRDC-P-DRD1
- Book contributions
 - *Resistive Plate Chambers in Muography*, A. Giammanco, S. Andringa, E. Cortina Gil, M. Tytgat; 22 pages; peer-reviewed contribution to “Muography: Exploring Earth's Subsurface with Elementary Particles”, edited by L. Olah, H. Tanaka and D. Varga, American Geophysical Union/Wiley 2021, ISBN: 978-1-119-72302-8
- >50 contributions (invited/contributed talks, posters) to international conferences
- (Co-)Promotor of >30 PhD students, >30 MSc students and 6 postdoctoral researchers
- Member of 45 PhD examination committees (national and international)

ORGANISATION SCIENTIFIC CONFERENCES AND WORKSHOPS

2026: Co-chair of the 27th International Workshop on Radiation Imaging Detectors (iWoRiD2026), Ghent, Belgium, Jun. 28-Jul.2
 2025: Organizer of the FCC Physics and Detector Concept Studies Tutorial (<https://indico.cern.ch/event/1602306/>), VUB, Nov. 4, 2025 (14 participants from VUB, ULB, and UCLouvain)

2024: Member of organizing & international advisory committee, and chair of multiple sessions of the 2024 International Workshop on Cosmic-Ray Muography (Muography2024), Sante Fe, New Mexico, USA, Nov. 4-7

2024: Chair of the HEP & BHEP Application session of the XVII International Conference on Resistive Plate Chambers and Related Detectors (RPC2024), Santiago de Compostela, Spain, Sep. 9-13

2024: Co-chair of the Scientific Meeting of the Belgian Physical Society, Brussels, May 29

2024: Chairman of the Imagine ArtScience Symposium “Exploring ArtScience across Boundaries”, Atelier340 Muzeum, Jette (Brussels), May 17-18

2023: Member of IAC and Scientific Board of the International Workshop on Muography (Muography2023), Naples, Italy, 19-22 Jun. 2023 (~70 participants)

2021 – present: Founder and chair of the new International Advisory Committee for the International Workshop on Cosmic-Ray Muography

2021: Chairman of the International Workshop on Cosmic-Ray Muography (Muography2021), Ghent, Belgium, Nov. 24-26 (~140 participants)

2021: Co-chair of the 22nd International Workshop on Radiation Imaging Detectors (iWoRiD2021), Ghent, 27 Jun. - 1 Jul. (~250 participants)

2019: Chairman of the European Physical Society Conference on High Energy Physics (EPS-HEP2019), Ghent, 10-17 July (~800 participants)

2018: Convener of the New Physics Experiments Session van de XIV Workshop on Resistive Plate Chambers and Related Detectors (RPC2018), Puerto Vallarta, Mexico, 19-23 feb.

2016-present: International Advisory Committee of the Workshop on Resistive Plate Chambers and Related Detectors

2016: Chairman of the Scientific Meeting of the Belgian Physical Society, Gent, 18 May (~215 participants)

2016: Chairman of the XIII Workshop on Resistive Plate Chambers and Related Detectors (RPC2016), Ghent, 22-26 Feb. (~90 participants)

2014: Organizing Committee of the CMS Upgrade School (CUPS), DESY Hamburg, 17-21 Nov.

2011: Scientific Committee of the Scientific Meeting of the Belgian Physical Society, Namur, 25 Mar.

2006: Convenor of the Hadron Structure Session of the IVth International Conference on Quarks and Nuclear Physics (QNP06), Madrid, 5-10 Jun.

PEER REVIEWING

- Referee work for
 - *Journal of Instrumentation* (JINST)
 - *Nuclear Science and Techniques* (NST)
 - *Nuclear Instruments and Methods in Physics Research Section A* (NIM-A)
 - *MDPI Instruments*
 - *MDPI Sensors*
 - *MDPI Energies*
 - *MDPI Physics*
 - *iScience* (Cell Press)
 - *European Physical Journal C* (EPJC)
 - *Journal of Advanced Instrumentation in Science* (JAIS)
 - *Progress in High Energy Physics* (PHEP)
 - *Journal of Applied Physics* (JAP)
 - *IEEE Transactions on Nuclear Science* (TNS)
- 2024-2025: External Reviewer for the 2025 Swiss National Science Foundation
- 2021: External Reviewer for the National Research Funding Competition of the Fondo Nacional de Desarrollo Científico y Tecnológico (FONDECYT), Santiago, Chile
- 2020-2026: Chief Editor of the Journal for Advanced Instrumentation in Science (JAIS), Andromeda Publishing and Academic Services

SEMINARS AND LECTURES

- *The HERMES Experiment*, INW binnenstebuiten, UGent, Dec. 10, 1998
- *HERMES Results on Vector Meson Production at Intermediate Energies*, DESY Seminar, May 22, 2001
- *Exclusive Vector Meson Production & Deeply Virtual Compton Scattering @ HERMES*, IPN Orsay Seminar, Apr. 26, 2002
- Searching for SUSY with the CMS Detector at the Large Hadron Collider, Seminar Université de Mons-Hainaut, Sep. 7, 2007

- *Het CMS experiment aan de LHC@CERN : op verkenning in de teraschaal, het terra incognita van de deeltjesfysica*, Seminar Urania Volksterrenwacht, Jan. 26, 2010
- art@CMS lecture series (3 lectures) on Particle Physics and the CMS experiment at the CERN Large Hadron Collider, KASK Seminar, Nov.-Dec. 2017
- *Muography - A new playfield for particle physics technology*, Seminar University of the Basque Country, May 24, 2018
- art@CMS lecture series (2 lectures) on Particle Physics, Seminar Curatorial Studies @ HoGent, Oct.-Nov. 2018
- *Color and Quantum Chromodynamics*, Seminar KASK School of Arts - Biocolor Lab, Jul. 6, 2019
- Lecture series (5 lectures) on *Gas detectors, Resistive Plate Chambers, Muography and GEANT4 simulations*, British University in Egypt (BUE), Cairo, Egypt, Jan. 26-30, 2020
- *Muon Radiography – Cosmic-ray muons for Archaeology*, 4th NOVA EUTOPIA Talk, NOVA Cairo (NOVA University of Lisbon branch) - The Knowledge HUB Universities, New Cairo, Egypt, Jun. 4, 2024
- *Muon Radiography applications in Archaeology*, Egypt-Japan University of Science and Technology (E-Just), Alexandria, Egypt, Jun. 6, 2024

OBTAINED RESEARCH FUNDING (last 10 years only)

- Co-PI of “R&D towards a High Rate Particle Detector for the CMS Experiment at the LHC”, FWO-Vlaanderen research project G.0213.14N, PI Prof. Dirk Ryckbosch (UGent)
Budget UGent : 60kEuro for 2014-2017
- Co-PI of “Search for supersymmetry with 13 TeV proton-proton collisions at the LHC with the CMS detector”, FWO-Vlaanderen research project G046916N, PI Prof. Didar Dobur (UGent)
Budget UGent : 198kEuro voor 2016-2020
- Co-PI of “Silicon Tracker Endcap for the Upgraded CMS Experiment at the HL-LHC at CERN”, Hercules project, PI Prof. Jorgen D’Hondt (VUB)
Total budget : 5.2MEuro (UGent budget : 1.770MEuro) for 2018-2022, extended to 2025
- Co-PI of “The CMS experiment at the Large Hadron Collider at CERN”, FWO-Vlaanderen Big Science Projects 2017 call, PI Prof. Jorgen D’Hondt (VUB)
Budget UGent : 346kEuro for 2018
- Co-PI of “The H boson gateway to physics beyond the Standard Model”, FWO-FNRS EOS project 2017 call, PI Prof. Fabio Maltoni (UCLouvain)
Budget UGent : 485 kEuro for 2018-2021
- Co-PI of “Particle physics experiments at the high intensity frontier, from new physics to spin-offs (INTENSE)”, H2020 Marie-Curie Research and Innovation Staff Exchange (RISE) project, PI Prof. Simone Donati (U. Pisa)
Budget UGent: 40kEuro for 2019-2022
- Co-PI of “The CMS experiment at the Large Hadron Collider at CERN”, FWO-Vlaanderen International Research Infrastructure (IRI) project, PI Prof. Jorgen D’Hondt (VUB)
Budget UGent: 1.5MEuro; total: 5.0MEuro for 2019-2022
- Co-PI of “The CMS experiment at the CERN Large Hadron Collider”, FWO-Vlaanderen International Research Infrastructure (IRI) project (I001123N CERN/LHC), PI Prof. Pierre Van Mechelen (UA)
Budget UGent: 1.8MEuro; VUB: 2.5MEuro; total: 6.2MEuro for 2023-2026
- Pi of “A high-performance muon telescope for applications in muon radiography”, Starting Grant VUB (OZR4149)
Budget: 100kEuro for 01/07/2023-30/06/2026
- Co-PI of the HEP@VUB Large Research Group, 3-yearly Strategic Policy Form Research, VUB basic financing for research (BAS); M. Tytgat as contact person for Tech Transfer
Budget VUB: 130kEuro
- Chinese Scholarships Council (CSC), Zhe Wang, 17months, Jan. 2024-Jun. 2025: 1350Euro/month, total: 22.950Euro
- PI of “IMAGINE – Inspireren over de generaties heen via een kunst-en-wetenschappen benadering van educatie en communicatie” (K703624N), Grant for the organization of a scientific conference in Belgium – Type II
Budget VUB: 2.5kEuro for 17-18/05/2024
- Co-author/beneficiary of Erasmus+ KA171-HED, mobility of higher education students and staff supported by external policy funds, call 2024, round 1
Budget VUB: €22240 for Region 10 - Latin America (Argentina, Colombia, Mexico), shared between IRMO, IR and WE
- PI of “Imagine ArtScience”, Innoviris project 2024-STEM-55 voor sensibilisering voor wetenschappen en innovatie en promotie
Budget VUB: €6600

- PI (FWO-side) of “Muon Radiography of Vesuvius”, FNRS-FWO Weave project GOAR825N, PI (FNRS side) dr. Andrea Giammanco (UCLouvain)
Budget VUB: 544.600Euro personnel; 25kEuro equipment, total: 569.600Euro for 2025-2028
- Co-author/beneficiary of Erasmus+ KA171-HED, mobility of higher education students and staff supported by external policy funds, call 2025, round 1
Budget VUB: €22.240 for Region 10 - Latin America (Argentina, Colombia, Mexico), shared between IRMO, IR and WE; M. Tytgat supported with incoming student mobility for 3 months
- SNSF-FWO Weave (U. Zürich – VUB), GOE2221N (FWOAL982), “Physics and technology for the Future Circular Collider - developing tracking detectors and algorithms for the next generation lepton colliders”, 2021-2024, prom. F. Canelli (UZH), M. Tytgat, F. Blekman, VUB budget: 352kEuro
- FWO regulier onderzoeksproject, GOC3823N (FWOAL1078), “Probing the Charm-Higgs Yukawa at the LHC”, 2023-2026, prom. M. Tytgat and J. D’Hondt: 453kEuro
- Horizon Europe project, iSAS (EU674), “Innovate for Sustainable Accelerating Systems”, 1/3/2024-29/02/2028, prom. J. D’Hondt and M. Tytgat: 16kEuro

MEMBERSHIP OF PROFESSIONAL ORGANIZATIONS

- 1997-present: Belgian Physical Society (BPS) – Lifetime membership
- 2007-2020: American Physical Society (APS) – Division of Particles and Fields (DPF)
- 2011-present: IEEE – Nuclear and Plasma Sciences Society
- 2019-present: European Physical Society (EPS) – High Energy & Particle Physics Division
- 2022-present: European Geosciences Union (EGU) – Geosciences Instrumentation & Data Systems (GI)

OUTREACH ACTIVITIES (recent highlights)

- Numerous contributions over the years to general science communication activities (press releases, interviews, guided tours for school visits, seminars ...)
- Tour guide for the CERN CMS experiment since 2016
- 2017-2019: Initiator and coordinator of the art@CMS art-and-science project in Ghent (collaboration between UGent, KASK School Of Arts, CERN and various other international art institutes), including two working visits to CERN and several public art events and exhibitions in Ghent (Harbinger & Origin Poetics 2019); personal collaboration with e.g. Dominique Somers (Cosmophone project), Michiel Decléene (published in “Reference Guide”, Roma Publications 345, ISBN 9789492811400), Elias Heuninck (CMS Constellations – Visualization of CMS Tracker data), Ives Maes (CERN photography project) and several others
- 2019: Initiator and coordinator of the *Cool Physics Days* at UGent (<https://coolphysicsday.ugent.be/>)
- 2019: Initiator and editor of the EOS Wetenschap magazine Special “Van het allerkleinste tot het allergrootste” (<https://www.tijdschriftenwinkel.be/nieuwkomers/eos-wetenschap-special-fysica-en-ruimte.html>)
- 2022: Organization of the visit of Michiel Decléene (KASK School of Arts) to Mt. Vesuvius, Naples, May 2022, in the context of his documentary on the volcanic eruption in 1872 and the role of photography as eye witness (connection to my involvement in the ongoing Muraves muography campaign at Mt. Vesuvius); project published in “Amidst the fire, I am not burnt”, Michiel De Cleene and Arnout De Cleene, Roma Publications 462, ISBN 9789464460520
- 2024: Organizer of the *Cultural Collisions Art-Science workshop* for the EEB4 European School in Laeken, Atelier34Zero, Jette (Brussels), April 26
- 2024: Organizer and co-chair of the *Imagine ArtScience* project and symposium (<https://imagineartscience.org/>), Brussels (Jette), April-May
- VUB press coverage on the start of the CMS Tracker construction (<https://press.vub.ac.be/vub-bouwt-1600-modules-van-de-nieuwe-cern-detector>), May 23, 2025
- VUB press coverage on 2 recent VUB PhD graduates on FCC studies (<https://press.vub.ac.be/nieuwe-algoritmen-en-detectoren-bereiden-weg-voor-toekomstig-deeltjesonderzoek-bij-cern>), Oct. 13, 2025
- Organizer of the visit of the European School, Brussels IV (Laeken) to the VUB Science and Engineering departments, Oct. 23, 2025 (18 students + 2 teachers)
- Lecturer for the VUB Open Lecture Days, “Van CERN tot Antarctica, een kijk op het hoogenergetische universum”, VUB, Nov. 5, 2025 (6 studenten)
- Organizer and guidance of the VIP visit to CERN/CMS by the Flemish rectors, vice-rectors and science faculty deans, and a delegation of the Flemish minister of Economy, Innovation and Industry, External Affairs, Digitalisation, and Facility Management (Matthias Diependaele) on Jan. 13, 2026

- Organization of WEWIS Visit (Secretaris-General Johan Hanssens and policy advisor Rita Hauchecorne) to CMS Tracker cleanroom at IIHE, Feb. 13, 2026 (<https://www.ewi-vlaanderen.be/nieuws/vlaanderen-bouwt-mee-aan-toekomst-cern>)