

# Sabine Kraml

Born on 19 July 1971 in Steyr, Austria. Nationality: Austria.

## Contact details

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## Professional career

**2024** Senior researcher exceptional class (DRCE1) of the CNRS, LPSC Grenoble.  
**2018** Senior researcher 1st class (DR1) of the CNRS, LPSC Grenoble.  
**2012** Senior researcher 2nd class (DR2) of the CNRS, LPSC Grenoble.  
**2007** Junior researcher 1st class (CR1) of the CNRS, LPSC Grenoble.  
**2007** Habilitation, Leopold-Franzens University Innsbruck, Austria.  
**2003–2007** Postdoctoral researcher, Austrian Academy of Sciences, based at CERN.  
**2001–2003** Fellow in the CERN Theory Division.  
**1997–2001** Research fellow, Institute for High Energy Physics, Austria.  
**1994–1999** PhD in theoretical physics, Vienna University of Technology, Austria.

## Awards

**2025** Mercator Fellow, Univ. Würzburg, Germany  
**2016** Prime d'encadrement doctoral et de recherche, CNRS.  
**2011** Prime d'excellence scientifique, CNRS.  
**2008** Elected young member of the Austrian Academy of Sciences (now alumni status).  
**2005** APART<sup>1</sup> habilitation grant of the Austrian Academy of Sciences.

## Institutional responsibilities

**since 2025** CNRS Comité National (CoNRS),<sup>2</sup> Section 04 – Interactions, particles, nuclei, from the laboratory to the cosmos; mandate for four years  
**since 2025** Management Committee, COST Action CA24146 “Machine Learning and Quantum Computing for Future Colliders”.  
**2012–2015** CNRS Comité National (CoNRS),<sup>2</sup> Section 02 – Theoretical physics.  
**2011–2015** Head of the LPSC theory group.  
**2011–2014** Committee for preselection of CERN fellows, France.  
**2010–2013** Conseil scientifique & conseil d'unité, LPSC Grenoble, France.  
**2008–2012** Committee for financing theoretical physics in IN2P3 (CFT), France.

## Organization of workshops, conferences and schools

**since 2025** Theory convener, LHC Reinterpretation Working Group (LHC REI WG), CERN.  
**since 2023** Co-convener, Methods and Tools Working Group, IRN Terascale (international network).  
**since 2016** Main organiser, Forum on the interpretation of the LHC results for BSM studies, CERN.  
**since 2016** Co-organiser, Vietnam School of Physics, Quy Nhon, Vietnam (bi-annually).  
**2007–2023** Local organising committee, Physics at TeV Colliders, Les Houches, France (bi-annually).  
**2023** Program committee, Large Hadron Collider Physics (LHCP 2023) conference.  
**2021** Organizer, Publication of statistical models: hands-on workshop, CERN/online  
**2019** Co-convener, SUSY 2019, Corpus Christi, TX, USA.  
**2017** Co-organiser, LHC Chapter II: the Run for New Physics, Natal, Brasil.

<sup>1</sup>Austrian Programme for Advanced Research and Technology

<sup>2</sup>The National Committee for Scientific Research, which is in charge of the recruitment and evaluation of researchers.

**2016–2021** Working group convener, LIA THEP (Indo-French High Energy Physics Collaboration).  
**2016** Organiser, Bethe Forum “Beyond the standard Higgs system”, Bonn, Germany.  
**2016** Scientific advisory committee, LHC-Ski: A first discussion of 13 TeV results, Obergurgl, Austria.  
**2015–2016** Co-convener, Task force on Higgs fiducial cross sections, LHC HXSWG, CERN.  
**2015** Co-convener, SUSY 2015, Lake Tahoe, CA, USA.  
**2012–2014** Organiser, Implications of the 125 GeV Higgs boson, Grenoble, France.  
**2012** Convener, Implications of LHC Results for TeV Scale Physics, CERN.  
**2009–2012** Co-convener, Methods and Tools Working Group, GDR Terascale (national network), France.  
**2006–2012** Scientific adv. comm., Prospects for Charged Higgs Discovery at Colliders, Uppsala, Sweden.  
**2007–2011** Organizer, Workshop on the Interplay between Collider and Flavour Physics, CERN.  
**2007** Organizer, CERN Theory Institute on LHC–Cosmology Interplay, CERN.  
**2007** Local organising committee, Rencontres de Physique des Particules, Grenoble, France.  
**2004–2005** Organizer, Workshop on CP Studies and Non-standard Higgs Physics, CERN and SLAC.  
**2004** Scientific secretary, Physics at LHC, Vienna, Austria.  
**2002–2007** Co-founder and organiser of the CERH-TH Journal Club on Phenomenology, CERN.

## Commissions of trust

**Peer-review:** for CPC, EPJC, IJMPA, JHEP, PLB, PRD, PRL, and SciPost Phys.  
**Project evaluations:** for ANVUR/Italy, DFG/Germany, DOE/USA, FNRS/Belgium, FWF/Austria, NRDI/Hungary, NWO/The Netherlands, STFC/UK.  
**Juries:** referee and/or examiner for a variety of PhD and habilitation juries in France and worldwide.

## Editorial responsibilities

since **2024** Member of SciPost’s Editorial College in Physics.

**2025** Co-editor, Reinterpretation and preservation of data and analyses in HEP, community white paper, European Strategy for Particle Physics Update 2026, CERN-LPCC-2025-002, arXiv:2504.00256.  
**2022** Chief editor, Data and Analysis Preservation, Recasting, and Reinterpretation, invited white paper, Snowmass 2021 Community Planing Exercise, arXiv:2203.10057.  
**2021** Chief editor, Publishing statistical models: Getting the most out of particle physics experiments, arXiv:2109.04981, SciPost Phys. 12, 037 (2022).  
**2019–2020** Chief editor, Reinterpretation of LHC Results for New Physics: Status and Recommendations after Run 2, arXiv:2003.07868, SciPost Phys. 9, 022 (2020).  
**2017–2018** Section editor, Searching for Long-Lived Particles at the LHC: White Paper of the LHC LLP Community, CERN, arXiv:1903.04497, J. Phys. G 47 (2020) 9, 090501.  
**2016** Section editor, Handbook of LHC Higgs Cross Sections: 4. Deciphering the Nature of the Higgs Sector, CERN-2017-002-M.  
**2012** Co-editor, Implications of LHC Results for TeV Scale Physics, CERN report submitted to the European Strategy Group.  
**2012** Topical editor, CLIC Conceptional Design Report, CERN-2012-003.  
**2006** Editor-in-chief, Workshop on CP Studies and Non-standard Higgs Physics, CERN-2006-009.  
**2004** Co-editor, ECFA/CERN studies of a European neutrino factory complex, CERN-2004-002.

## Outreach

**2025** Interview with Martin Dunst, *OÖ Nachrichten*: “Naturgesetze zu erforschen ist ein grosses Abenteuer” (article in German, 10 Jan 2025).  
**2021** CERN Courier issue May/June 2021: *LHC reinterpreters think long-term* (invited article).  
**2020** Interview with science journalist Stephanie Melchor, article in Fermilab’s *Symmetry* magazine.  
**2016** Interview and portrait by cartoonist Lison Bernet for the *BD du LHC*, <https://goo.gl/zg5Nmr>.  
**2015–2016** Coached the project *Passionate About* of photographer Bree Corn, <http://passionate-about.com>.  
**2014–2015** Interview and portrait by photographer Patrick Dumas for the 60th anniversary of CERN; used in exhibition *Experts en la matière – Regards sur le Cern* in the Palais de la Découverte, Paris, and the web-documentary *Expérience Cern 360*, <http://experience-cern360.fr>.