

**ALLEGATO C**  
**CURRICULUM VITAE**

**FORMATO**  
**EUROPEO PER IL**  
**CURRICULUM**  
**VITAE**



**INFORMAZIONI PERSONALI**

Nome e Cognome

Roberto Percacci

Data di nascita

Telefono

Telefono cellulare

Indirizzo posta elettronica

Indirizzo Pec

Incarico attuale

**ISTRUZIONE**  
**E FORMAZIONE**

- Date (da – a)
- Nome e tipo di istituto di istruzione o formazione
- Qualifica conseguita

1972-1977

Università di Trieste

Laurea in Fisica

1980-1982

SISSA

PhD in Fisica

**ESPERIENZA LAVORATIVA**

- Date (da – a)
- Nome e indirizzo del datore di lavoro
- Tipo di azienda o settore
  - Tipo di impiego
- Principali mansioni e responsabilità

**1/12/1983-30/9/2014**

SISSA

Ricercatore

1/10/2014-31/10/2023

SISSA

Professore associato

**MADRELINGUA**

**Italiano**

## ALTRE LINGUE

- Capacità di lettura
- Capacità di scrittura
- Capacità di espressione orale

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## CAPACITÀ E COMPETENZE TECNICHE

*Con computer, attrezzature  
specifiche, macchinari, ecc.*

**ALTRO** (PARTECIPAZIONE A  
CONVEGNI, SEMINARI,  
PUBBLICAZIONI,  
COLLABORAZIONI A RIVISTE, ECC.  
ED OGNI ALTRA INFORMAZIONE  
CHE IL COMPILANTE RITIENE  
DI DOVER PUBBLICARE)

### INGLESE

ECCELLENTE

ECCELLENTE

ECCELLENTE

### TEDESCO

ECCELLENTE

ECCELLENTE

ECCELLENTE

### FRANCESE

ECCELLENTE

BUONA

BUONA

Sistemi operativi Microsoft, UNIX, Cisco IOS.

### Sabbaticals

- Academic year 1984/85 at Center for theoretical physics, MIT, Cambridge, Mass.
- April-June 2008. at the Department of Physics at the University of Utrecht (NL).
- November 2008, February-March 2009 at Department of Astronomy and Physics, University of Sussex
- Academic year 2009/10 at Perimeter Institute, Waterloo, Canada

### Other activities and positions

- February 1995. Founder of Spin s.r.l.
- 1996 - 1997 Member of the Regional Commission for Telecommunications, Friuli-Venezia Giulia Region.
- January 2000. founder of MIX s.r.l. (the Milan Internet Exchange).
- November 2004 – October 2007. Member of the Consiglio di Amministrazione SISSA.
- November 2012 – October 2016, Member of the Nucleo di Valutazione SISSA.

### Recent visits abroad

- June 2005. Visitor at the Department of Physics, University of Mainz.
- April 2006. Visitor at the Bogazici University, Istanbul.
- May 2007. Visitor at the Yukawa Institute, Kyoto, and the University of the Ryukyus, Okinawa.
- November 2007. Visitor at the Center for Theoretical Physics, M.I.T.
- November 2007. Visitor at Perimeter Institute.
- February 2008. Visitor at the Department of Physics, University of Mainz.
- December 2008. Visitor at the Department of Physics, Texas A&M University.
- January 31 – february 2, 2011 visitor at the Mathematical Institute, University of Oxford
- March 24 - 26, 2011 visitor at IFAE, Barcelona
- September 5 - 7, 2011 visitor at the University of Jena
- November 16 - 28, 2011 visitor at the Department of Physics, Texas A&M University
- December 8 - 16, 2011 visitor at Max-Planck Institut fur Gravitationsphysik, Potsdam
- April 11 - June 21, 2012 visitor at the Theoretical High Energy Physics group, Johannes-Gutenberg-Universität, Mainz.
- September 30 - October 13, 2013 visitor at IPMU, Tokyo
- February 28 - march 8, 2015 visitor at Kinki Daigaku University, Osaka
- February 28 - march 8, 2016 visitor at Kinki Daigaku University, Osaka

- March 8 - 16, 2016 visiting the [Mitchell Institute](#), Texas A&M University
- May 2 – 8, 2016 visiting Fudan University, Shanghai
- May 2 – 8, 2018 visiting Fudan University, Shanghai
- November 6 - 16, 2019 visiting Mitchell Institute, Texas A&M University
- October 25 - 29, 2021 visiting Johannes Gutenberg Universität Mainz.
- November 15 - 25, 2021 visiting Mitchell Institute, Texas A&M University
- March 28 - April 1, 2022 visiting University of Southampton and University of Sussex
- June 14 - 17, 2022 visiting Johannes Gutenberg Universität Mainz
- October 18 - 28, 2022 visiting Mitchell Institute, Texas A&M University
- February 6 - 8, 2023, visiting Dept. of mathematics, University of Genova

### **Recent Conferences, Schools, Workshops**

- July 4 - 9, 2010 Structure and Representations of Exceptional Groups, Banff, Canada, invited speaker
- October 4 – 8, 2010 Time and matter, Budva, Montenegro
- June 20-24 2011 QG11, ETH, Zurich
- August 1 - 5, 2011 Strings, branes and supergravity, Koc University, Istanbul, invited speaker
- September 14 - 18, 2011 Workshop on fields and strings, Corfu
- March 12 - 16, 2012 Conformal field theories beyond two dimensions, Mitchell Institute, Texas A&M University, invited speaker
- June 27 - 29, 2012 Non-locality: aspects and consequences NORDITA, Stockholm
- July 1 - 7, 2012 13th Marcel Grossmann Meeting, Stockholm
- October 22 -27, 2012 Experimental search for quantum gravity: the hard facts, Perimeter Institute, Waterloo, ON, invited speaker
- February 12 - 16, 2013 Pak-fest, Middle East Technical University, Ankara, invited speaker
- March 18 – 22, 2013 Quantum gravity in Paris, invited speaker
- April 15 - 26, 2013 Topics in holography, SUSY and higher derivatives, Mitchell Institute, Texas A&M University, invited speaker
- May 16 - 17, 2013 Symmetries of the universe and of the fundamental interactions, Scuola Normale, Pisa
- June 9 – 15, 2013 Veli Losinj, Croatia, 2nd Mediterranean Conference of Classical and Quantum Gravity, invited speaker
- November 14 - 16, 2013 Workshop on Strongly Interacting Field Theories, Friedrich Schiller Universität, Jena, invited speaker
- May 12-15, 2014 "Searching for simplicity", Princeton University, invited speaker
- May 19-22 2014, Origins of mass 2014, CP3, Odense, Denmark, invited speaker
- June 1 - 6, "Gravity and the quantum", Centro Volta, Como, invited lecturer
- March 22 - 28, 2015 Probing the Fundamental Nature of Spacetime with the Renormalization Group, NORDITA, Stockholm, invited speaker
- July 6 - 10, Loops 2015, Erlangen, chair of panel discussion on “The continuum limit”
- July 12 - 15, 2015 Shaping UV physics beyond the Standard Model, Durham, UK, invited speaker
- September 7 - 12, The Planck scale II, Wroclaw, invited speaker
- November 5 - 7, Workshop on Strongly Interacting Field Theories, Friedrich Schiller Universität, Jena, invited speaker
- March 30 - April 3, 2016 “Shapes of gravity”, Radboud University, Nijmegen, invited speaker
- July 4 - 5, 2016 “Non-commutative geometry, quantum symmetries and quantum gravity II”, Wroclaw, invited speaker
- September 3 - 7, 2016 SBF meeting, Natal, Brasil, invited speaker
- November 10, 2016 N. Pak memorial symposium, METU, Ankara, invited speaker
- February 13 - 17, 2017 “Quantum Spacetime and the Renormalization Group”, Lorentz Center, Leiden, invited speaker
- March 7 – 10, 2017 “Functional renormalization - from quantum gravity and dark energy to ultracold atoms and condensed matter”, Ruprecht Karls Universität, Heidelberg, invited speaker
- March 20 – 23, 2017 “Quantum gravity in Paris”, Institut H. Poincare, invited speaker
- May 9 – 12, 2017 “Black holes, gravitational waves and spacetime singularities”, Specola Vaticana, Castel Gandolfo, Rome.
- May 14 – 18, 2017 “Shape dynamics workshop”, Perimeter Institute, invited speaker
- July 4 – 7, 2017 RBI-T-WINNING school, Zagreb, invited speaker

- November 12 – 17, 2017 “The path integral for gravity” Perimeter Institute, invited speaker.
- December 18 - 20, 2017 “Weird theoretical ideas (Thinking outside the box)”, INFN, Laboratori Nazionali di Frascati, invited speaker.
- March 26-28, 2018 “Problemi Attuali in Fisica Teorica”, Vietri sul mare, invited speaker
- June 18-19, 2018, “PACTS2018: Particle, Astroparticle and Cosmology” Tallinn, invited speaker
- June 19-22, 2018, “Quantum spacetime and the renormalization group”, Bad Honnef, invited speaker
- July 30-August 5, 2018 “Quantum field theory and gravity”, Tomsk, , invited speaker
- January 28 - February 1, 2019, “Scale invariance in particle physics and cosmology”, CERN, invited speaker
- March 26 – 28, 2019 “PAFT 2019”, Vietri sul Mare, Italy, invited speaker
- June 10 – 12, 2019, “Gravity and other fields under the volcano”, Catania, invited speaker
- June 13 – 14, 2019, 3rd FLAG meeting, Catania
- July 23 – 27, 2019, “Quantum and Gravity in Okinawa”, OIST, Okinawa, invited speaker
- September 9 – 12, 2019, “Simplicity 3”, Perimeter Institute, invited speaker
- October 6 – 9, 2019, “Bridging perturbative and nonperturbative physics”, Primosten, Croatia, invited speaker
- October 30 - November 1, 2019, “Quantum Gravity and Quantum Geometry”, Radboud University, Nijmegen, invited speaker
- October 12 - 16, 2020 "Quantum Gravity and the Renormalization Group", CP3, Odense (remote)
- September 7 - 11, 2020 ERG2020 Yukawa Institute, Kyoto (remote)
- July 13 - 17, 2020 Quantum Gravity 2020, Perimeter Institute (remote)
- October 5 - 7, 2021 First ISQG meeting (remote)
- September 16 - 24, 2021 Corfu Summer Institute, invited speaker
- March 8 - 12, 2021 "Quantum Gravity, Higher Derivatives and Nonlocality", Tokyo Inst. of Technology and Univ. of Salerno (remote) , invited speaker
- May 23 - 25, 2022 3rd EPS Conference on Gravitation, Nizza, invited speaker
- June 27 - July 1, 2022 Metric-Affine Frameworks for Gravity 2022, Tartu, Estonia, invited speaker
- July 25 - 29, 2022 ERG2022, Berlin
- September 12 - 16, 2022 Quantum Effective Field Theory and Black Hole Tests of Einstein Gravity, Trieste
- October 6 -7, 2022 FLAG meeting, Trento
- December 8 - 9, 2022 Quantum gravity, hydrodynamics and emergent cosmology, LMU, Munich, invited speaker
- December 13 - 15, 2022 Asymptotic safety meets particle physics and friends, DESY, Hamburg, invited speaker
- December 21 - 22, 2022 FLAG meeting, Bologna
- January 23 - 25, 2023 DarkCosmoGrav: New Frontiers in Particle Physics, Gravity, and Cosmology. Pisa, invited speaker
- April 10 -14, 2023 Verão Quântico 2023, UBU/Anchieta, ES, Brazil, invited speaker
- April 17 - 21, 2023 Quantum gravity and cosmology 2023, online, invited speaker
- June 14 - 16, 2023 From perturbative to non-perturbative QFT, Munster, DE, invited speaker
- June 19 - 22, 2023 Geometric foundations of gravity, Tartu, EE, invited speaker
- September 4 - 6, 2023 UV Complete Quantum Field Theories for Particle Physics, San Miniato. Pisa, invited speaker
- September 11 - 15, 2023 Dark Energy from Fundamental Theories to Observations, Frascati, invited speaker
- October 2 - 6, 2023 Quantum Spacetime and the Renormalization Group 2023, Sant'Elmo beach, Cagliari, invited speaker
- October 23 - 27, 2023 Puzzles in the Quantum Gravity Landscape, Perimeter Institute, Waterloo, ON

### **Organization of conferences**

- Organizer of “From Quantum to Emergent Gravity”, Trieste, June 11-15, 2007
- Organizer of “Asymptotic Safety, 30 years later”, Perimeter Institute, November 5-8 2009
- Member of the scientific advisory committee of “Loops 13”, Perimeter Institute, July

- 22-27, 2013, see <http://www.perimeterinstitute.ca/conferences/loops-13>
- Scientific organizer of “Renormalization group approaches to quantum gravity”, Perimeter Institute, April 22-25, 2014, see <http://www.perimeterinstitute.ca/conferences/renormalization-group-approaches-quantum-gravity>
  - Scientific organizer of “Experimental search for quantum gravity”, Trieste September 1-5, 2014, see <http://www.sissa.it/app/esqg2014/>
  - FLAG meeting, SISSA, Trieste, November 27-28, 2015
  - Organizer of “Probing the spacetime fabric: from concepts to phenomenology”, SISSA, 10-14 July 2017, see <http://www.sissa.it/app/stf17/>
  - Organizer of “On a safe road to quantum gravity with matter”, Hvar, Croatia, September 11-14, 2018; see <https://hvar2018.irb.hr/>
  - Organizer of “Quantum Fields - from fundamental concepts to phenomenological questions”, MITP Mainz, September 26 - 28, 2018, <https://indico.mitp.uni-mainz.de/event/134/overview>
  - Organizer of “FRGIM 2019”, Trento, Italy, September 16 – 20, 2019 <https://web.infn.it/FRGIM/conference/>
  - Local organizer of XXV SIGRAV Conference on General Relativity and Gravitation, September 4 - 8, 2023 Trieste
  - Member of the scientific committee of the “Exact Renormalization Group” series of conferences, Latest editions:
    - ERG2010, September 12 – 19, 2010, Corfu, Greece
    - ERG2012, September 2-7 2012, Centre Paul Langevin, Aussois, France; See [http://www.congres.upmc.fr/erg2012/?page\\_id=8](http://www.congres.upmc.fr/erg2012/?page_id=8)
    - ERG2014 September 22-26, 2014 Lefkada, Greece).
    - ERG2016 September 17-23, 2016, ICTP, Trieste
    - ERG2018 9-13 July, Paris <https://erg2018.sciencesconf.org/>
    - ERG2020 November 2-6 (online) <https://www2.yukawa.kyoto-u.ac.jp/~erg2020/ERG2020.html>
    - ERG2022 July 25-29, 2022, Berlin <https://indico.tpi.uni-jena.de/event/199/>
    - ERG 2024, Les Diablerets, Switzerland

### Teaching

Since 1986, every year I have taught at SISSA courses on Geometry and Physics, General Relativity, Nonperturbative methods, Solitons and Instantons, Advanced topics in quantum field theory, Quantum Field Theory 2.

I have held short specialized courses at the University of Perugia (1989/90), Milano II (1990/91), Brasilia (1991/92), IPMU Tokyo in 2013.

I have taught physics for mathematics undergraduates at the University of Udine in the academic years 1993/94 and 1994/95, and Special Relativity for mathematics undergraduates at SISSA in the academic year 2006/07.

I have supervised the following students:

- Fahimeh Haddadan (1997 ICTP Diploma course),
- Djamel Dou (PhD October 1999 SISSA),
- Fabrizio Coccetti (MSc 20 November 2002, University of Trieste),
- Daniele Perini (PhD 19 October 2004, SISSA),
- Alessandro Codello (MSc 30 June 2006, University of Trieste),
- Omar Zanusso (MSc July 2007, University of Trieste),
- Christoph Rahmede (PhD October 2008, SISSA),
- Giuseppe Menegoz (MSc University of Trieste, May 21, 2009),
- Alessandro Sfondrini (MSc University of Padova 14 July 2010, in co-supervision with Antonio Bassetto),
- Gaurav Narain (PhD september 2010, SISSA),
- Omar Zanusso (PhD 24/09/2010, SISSA),
- Adriano Contillo (PhD september 2011, SISSA)
- Leslaw Rachwal (PhD 16 september 2013, SISSA),
- Giulio d’Odorico (PhD 27 september 2013 SISSA),
- Pietro Dona’ (PhD september 2014, SISSA)
- Carlo Pagani (PhD september 2014, SISSA)

