



Fondazione  
Compagnia  
di San Paolo

Alberto Francesco Anfossi

CURRICULUM VITAE



# Alberto Francesco Anfossi

## Professional experience

AUG 2018 - TO DATE

### Secretary General

#### Compagnia di San Paolo - Turin

As head of the operational arm, in particular he: (i) implements the resolutions of the General Council and the Management Committee, as well as carrying out the decisions of the Chair; (ii) attends meetings of the General Council and Management Committee, without voting rights; (iii) oversees the drafting of the annual and multiannual planning documents and the examination of the matters and proposals included in the agenda in order to provide the steering and administrative bodies with all the information needed to ensure they are dealt with promptly and effectively; (iv) performs all the other functions entrusted to him by the General Council and Management Committee, as well as all operations not specifically reserved for other bodies.

JAN 2018 - AUG 2018

### Local Development Manager

#### Compagnia di San Paolo - Turin

Reporting to the Secretary General, manager of the Foundation's institutional areas and Specialised Units (Fund Raising, Capacity Building, High-Impact Investments, Strategic Communication, Data and Knowledge Management) introduced by the 2017-2020 strategic plan.

JAN 2018 - AUG 2018

### Innovation Manager

#### Equiter S.p.A.

In the context of the advisory activity for the Italian Ministry of Education's investment of 124 million euros (PON-RI 2014-2020) in research and innovation in target regions (southern Italy). Technical/scientific identification and selection of research projects.

MAY 2016 - FEB 2018

### General Manager

#### Compagnia di San Paolo Sistema Torino S.c.r.l. - Turin

■ Reporting directly to the Board of Directors, manager of the consortium company with 60 staff and 7 operational areas, each headed by a manager/middle manager: Accounting and



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Budget Administration, Purchasing and General Services, Fund Raising, Human Resources and Organisation, Legal Affairs and Company Secretariat, Real Estate Operations and Social Housing.

- Information Technology. Costs/Income for FY 2016 were € 4,615,000.
- Direct manager of strategic projects regarding the management and evolution of subsidiary bodies, innovative tools for technology transfer and social innovation and research in particular.

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SEP 2013 - FEB 2018

## Fund raising manager

### Compagnia di San Paolo Sistema Torino S.c.r.l. - Turin

- Private sector executive from 1/1/2015 Manager (permanent) from 1/9/2013. Manager of the Fund Raising department (8 staff, 49 projects managed, mainly European funds of around € 18,000,000).
- Manager of strategic projects entrusted by Compagnia di San Paolo as part of initiatives to fund research and manage/create/merge public-private research bodies.

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JAN 2012 - OCT 2017

## Evaluation Expert

### Italian National Agency for Evaluation of the University and Research Systems (ANVUR) - Rome

- Analysis and development of bibliometric indicators as part of the national evaluation exercise instituted by the Ministry of University and Research, called "Evaluation of Research Quality (VQR) 2011-2014" and in subsequent national evaluation tasks assigned to the Agency by the Government, the Parliament or the Ministry.
- As part of the VQR 2004-2010 Interface between the central ANVUR structure and the President of the Group of Expert Evaluators (GEV) of the Physical Sciences area (02). Contact person of the ANVUR bibliometry working group.

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MAR 2013 - SEP 2014

## Scientific Officers National Network Coordinator

### National Institute of Nuclear Physics - Rome

Contact person for the creation and coordination of a national network of scientific officers to support research teams in presenting and managing competitive projects in Europe (ECFP7, EC-H2020).

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JUN 2004 - AUG 2012

## (Vice) Chair

### Cooperativa Sociale Mondo Nuovo s.c.s. - Turin

- Vice-Chair (2004 - 2007) 1st term.
- Operations Chair (2007 - 2012) 2nd and 3rd terms. 500 members, annual turnover € 1,600,000, 18 employees. Direct responsibility for budgeting, resource allocation, definition and promotion of new projects and business areas, MBO and personnel.

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NOV 2007 - NOV 2013

## Director

### Consorzio Nazionale CTM altromercato s.c.a.r.l. - Bolzano

Member of the Board of Directors 127 members (corporate entities), annual turnover € 50,000,000+, 95 employees.



OCT 2011 - AUG 2013

### *Scientific officer*

#### **Fondazione Collegio Carlo Alberto - Moncalieri (TO)**

Promotion and technical project support for participation in national and international research funding schemes.

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SEP 2009 - DEC 2011

### *Scientific manager*

#### **Polytechnic of Turin - Turin**

Support to the Principal Investigator of a large research team for the presentation of international grants (public and private) and the subsequent management and reporting of the funds obtained (approximately € 4,000,000 in total).

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2008 - 2010

### *Post-doc in theoretical physics*

#### **University of Bologna - Bologna**

Scientific research in the field of quantum information theory applied to strongly correlated electron models in low dimensionality. 24 months.

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2006 - 2007

### *Post-doc in theoretical physics*

#### **Polytechnic of Turin - Turin**

Scientific research in the field of theoretical modeling of high critical temperature superconductivity and related quantum phenomena. 12 months.

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2004 & 2007

### *Research internship*

#### **Autonomous University of Madrid & University of Zaragoza - Spain**

3 and 6 month research internships funded by a scholarship from the Angelo Della Riccia Foundation.

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## Education

SEP 2010 - JUN 2011

### *Master in Economics*

#### **Collegio Carlo Alberto - Turin**

Working knowledge of analytical tools and advanced methodologies necessary for the study of current problems in economics. The master's qualification corresponds to the first year of a doctorate in economics.

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JAN 2003 - DEC 2006

### *Research Doctorate in Physics*

#### **Polytechnic of Turin - Turin**

Theoretical modelling path in the field of quantum statistical mechanics.

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SEP 1997 - JUL 2002

## Master's Degree in Physics [system prior to Ministerial Decree 509/1999]

**University of Turin - Turin**

Theory specialisation. Final score: 110/110 *cum laude*.

SEP 1992 - JUL 1997

## Scientific secondary school leaving certificate

**Liceo Scientifico Statale Marie Curie - Grugliasco (Turin)**

Experimental specialisation in mathematics, physics and IT. Final score: 60/60 with mention.

## Other professional experience

### POSITIONS AND APPOINTMENTS

- 2018 - : Fondazione Collegio Carlo Alberto - member of the Board of Directors
- 2020 - : ITHACA Association - member of the Board of Directors
- 2018 - : Strategic Committee of the Compagnia di San Paolo - Municipality of Turin, Municipality of Genoa, Piedmont Region Agreement - member
- 2019 - : The Hague Club - member
- 2019 - : EFC's CEO exchange group - member

### ASSESSMENT AND SELECTION

- STAR L2 call for proposals of the University of Naples Federico II for the funding of 25 mobility research projects for young people under 30, academic year 2017 (committee chairman).
- STAR L2 call for proposals of the University of Naples Federico II for the funding of 20 mobility research projects for young people under 30, academic year 2015 (committee chairman).
- *Uncovering Excellence* call for proposals of the University of Rome Tor Vergata for the funding of 50 preparatory research projects for participation in the European Research Council.
- STAR L2 call for proposals of the University of Naples Federico II for the funding of 20 mobility research projects for young people under 30, academic year 2014 (committee chairman).
- Member of the joint planning and monitoring committee between the University of Turin and Compagnia di San Paolo for the management of the multi-year agreements between the two bodies, € 21,000,000 for the three-year period 2013-15; € 22,000,000 for the three-year period 2016-18 (committee member).
- Selection committee for a fixed-term second-tier executive position for the research area of the University of Turin, April 2015 (member).
- Selection commission for an open-ended second-tier executive position for the central administration of the Polytechnic of Turin, May 2015 (member).
- *Community of practice* of the European Commission for the "Seal of Excellence" initiative, since 2015 (member).
- *Research Forum Steering Committee of the European Foundation Centre*, since October 2015 (member).
- *Referee* for Physical Review Letters, Physical Review A, Physical Review B, Physical Review E, Physics Letters A, Europhysics Journal B, Europhysics Letters. Anni 2006-2010.



## LECTURESHIPS

- 2015 - Principal Lecturer, Tier-3 Course in “Competitive funds for research: from idea to project” (Polytechnic of Turin); 192 students.
- 2014 - “European funds” for the “La Sanità che verrà nell'Italia che cambia” [The future of health care in a changing Italy] workshop run by NOEMALIFE S.p.A.
- 2014 - Master's Degree Thesis Supervisor “The evaluation of Italian Public Research Organisations: an improvable model?”, Master's Degree in University and Research Management, Polytechnic of Milan.
- 2014 - Principal Lecturer, Tier-3 Course in “Competitive funds for research: from idea to project” (Polytechnic of Turin); 145 students.
- 2013 - Principal Lecturer, Tier-3 Course in “Competitive funds for research: from idea to project” (Polytechnic of Turin); 126 students.
- 2007 - Laboratory Tutor, Physics I (Polytechnic of Turin).
- 2006 - Assistant, Physics I (Polytechnic of Turin).

## Personal skills

### MOTHER TONGUE

Italian

### OTHER LANGUAGES

#### ENGLISH

COMPREHENSION  
Listening / Reading

SPOKEN  
Interaction / Speaking

WRITTEN

C2 / C2

C2 / C2

C2

Certificate of Advanced English (University of Cambridge - UK)

#### SPANISH

C1 / C1

B2 / B1

A2

Levels: A1/A2: Basic user - B1/B2: Intermediate user - C1/C2: Advanced user

### OPERATING SYSTEMS

### PROGRAMMING LANGUAGES

### SOFTWARE

- Good knowledge of MS Windows, basic knowledge of Linux
- Good knowledge of Pascal, Fortran, Matlab; experience of C, C++, Perl, Python
- Web tools, MS Office, LaTeX, Origin, Mathematica, Stata, Matlab

## Publications

1. Anfossi, A. Lotito and P. Mulassano, “The Role of Research and Innovation Organizations on Supporting the Investment Plan for Europe Initiative”, proceedings of the 4th International Conference on Innovation in Economics and Business (ICIEB 2017)
2. Anfossi et al., “Large-scale assessment of research outputs through a weighted combination of bibliometric indicators, *Scientometrics* **107**, 671, doi: 10.1007/s11192-016-1882-9 (2016) Impact Factor: 2,183 Quotations: 1 (WoS)
3. Anfossi, “La capacità di accesso ai finanziamenti europei” **Chap. II.3.3**, pp. 502544 in “Rapporto sullo stato del sistema universitario e della ricerca 2016”, Agenzia Nazionale di Valutazione del sistema Universitario e della Ricerca (2016)



4. Zecchina and A. Anfossi, "Mobility of scientists across Europe: the role played by the European Research Council", *European Review* **23**, 89, doi: 10.1017/S1062798714000829 (2015) Impact Factor: 0,099 Quotations: 1
5. Ancaiani et al. "Evaluating scientific research in Italy: The 2004-10 research evaluation exercise", *Research Evaluation* **24**, 242 doi: 10.1093/reseval/rvv008 (2015) Impact Factor: 1,123 Quotations: 8
6. Anfossi, "La capacità di accesso ai finanziamenti europei" **Cap. II.1.5**, pp. 442483 in "Rapporto sullo stato del sistema universitario e della ricerca 2013", Agenzia Nazionale di Valutazione del sistema Universitario e della Ricerca (2013)
7. Anfossi, C. Degli Esposti Boschi, and A. Montorsi, Fulde-Ferrell-Larkin-Ovchinnikov oscillations and magnetic domains in the Hubbard model with off-diagonal Coulomb repulsion, *J. Stat. Mech.* **P12014** (2011).
8. Anfossi, L. Barbiero, and A. Montorsi, Detecting the tunneling rates for strongly interacting fermions on optical lattices, *Physical Review A* **81**, 043630 (2010).
9. Anfossi, L. Barbiero and A. Montorsi, Pairing and phase separation for ultracold fermionic atoms in a one-dimensional optical lattice, *Physical Review A* **80**, 043602 (2009).
10. Anfossi, C. Degli Esposti Boschi, and A. Montorsi, Nanoscale phase separation and superconductivity in the one-dimensional Hirsch model, *Physical Review B* **79**, 235117 (2009).
11. Anfossi, P. Giorda, and A. Montorsi, Momentum-space analysis of multipartite entanglement at quantum phase transitions, *Physical Review B* **78**, 144519 (2008).
12. P. Giorda and A. Anfossi, Structure of quantum correlations in momentum space and offdiagonal long-range order in eta-pairing and BCS states, *Physical Review A* **78**, 012106 (2008).
13. A. Aligia, A. Anfossi, L. Arrachea, C. Degli Esposti Boschi, A. O. Dobry, C. Gazza, A. Montorsi, F. Ortolani, and M. E. Torio, Incommensurability and unconventional superconductor to insulator transition in the Hubbard model with bond-charge interaction, *Physical Review Letters* **99**, 206401 (2007).
14. Anfossi, P. Giorda, and A. Montorsi, Entanglement in correlated fermionic systems and quantum phase transitions, *Physical Review B* **75**, 165106 (2007).
15. Anfossi, C. Degli Esposti Boschi, A. Montorsi, and F. Ortolani, Single site entanglement at superconductor-insulator transition in the Hirsch model, *Physical Review B* **73**, 085113 (2006).
16. Anfossi, P. Giorda, A. Montorsi, and F. Traversa, Two-point Versus multipartite entanglement at quantum phase transitions, *Physical Review Letters* **95**, 056402 (2005).
17. Anfossi, A. Leclair, and G. Sierra, The elementary excitations of the exactly solvable russian doll BCS model of superconductivity, *J. Stat. Mech.* **P05011** (2005).
18. Anfossi and A. Montorsi, Spin-fermion mappings for even local Hamiltonian operators, *J. Phys. TO: Math. Gen.* **38**, 4519 (2005).
19. A. Anfossi, F. Dolcini, and A. Montorsi, Recent results on integrable electronic models, in *Recent research developments in physics* **5**, 513 (Transworld Research Network, India) (2004).

## Personal details

I consent to the processing of personal data contained in this Curriculum Vitae pursuant to the GDPR 2016/679 and to the dissemination of the same through the website and the social media channels of Compagnia di San Paolo for reasons of transparency related to my office.

Turin, May 8<sup>th</sup>, 2020  
**Alberto Francesco Anfossi**