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POSIZIONE ACCADEMICA ATTUALE

[Attuale]

Professore ordinario

Professore ordinario, Dipartimento di Sociologia e Ricerca Sociale (Università di Trento, Italia), corsi di *Scienza, tecnologia e società* e *Communication, Science and Technology*.

Direttore del Master internazionale in Communication of Science and Innovation (SCICOMM).

Link: <https://webapps.unitn.it/du/it/Persona/PER0003016/Curriculum>

POSIZIONI ACCADEMICHE PRECEDENTI

[2000 – 2015]

Ricercatore e Professore associato

Dipartimento di Sociologia e Ricerca Sociale, Università degli Studi di Trento (Italia).

[1997 – 2000]

Post-doctoral fellow

University of California Berkeley (USA) and University of Trento (Italy).

FORMAZIONE

[1993 – 1997]

Ph.D. in Political and Social Sciences

European University Institute (Florence, Italy).

[1988 – 1993]

MA in Sociology (magna cum laude)

University of Trento (Italy).

VISITING FELLOWSHIPS AND PROFESSORSHIPS

Cattedra "De Sanctis" and Fellow of the Collegium Helveticum

2020 and 2023

"De Sanctis" chair at ETH Zurich (Switzerland) and Fellow of the Collegium Helveticum for Advanced Studies (Zurich, Switzerland).

[2022]

Visiting Professor

University of Tokyo (Japan).

[2016]

William Evans distinguished visiting professorship

University of Otago (New Zealand).

[2014]

Cátedra de Excelencia

Charles III University of Madrid (Spain).

Guest Researcher

2010 and 2013

Center for History of Science, Royal Academy of Sciences, Nobel Museum (Sweden).

[2010 – 2011]

Distinguished Visiting Scientist

Center for Society and Genomics, Delft University of Technology (The Netherlands).

[2007]

Fernand Braudel Fellow

European University Institute (Italy).

[2002]

Senior JSPS fellow

Science University Tokyo (Japan).

[1998]

Visiting fellow

Science Studies Unit (UK).

[1995 – 1996]

Visiting scholar

Department of History of Science, University of Wisconsin (USA).

[1991]

ECPR scholarship for the School in Social Science Data Analysis

University of Essex (UK).

CONFERENZE E SEMINARI

Conferenze e seminari su invito in Atenei e Istituti di ricerca internazionali

Royal Society, LSE, UCL (London, UK) American Association for the Advancement of Science (Washington, USA), Max Planck Institut (Dresden, Germany), University of Wisconsin (Madison, USA), CERN (Geneva, Switzerland), University Pompeu Fabra (Barcelona, Spain), University of Lisbon, Porto (Portugal), Science University Tokyo, University of Tokyo, Tokyo Institute of Technology, NISTEP, Science Agora, Riken Institute (Japan), Museu Da Vida Rio de Janeiro (Brazil), Nobel Foundation and Royal Academy of Sciences (Stockholm, Sweden), Université de Toulouse-Le Mirail (France); University of Otago and Royal Society of NZ (New Zealand); University of Bern and Zurich (Switzerland).

PREMI E RICONOSCIMENTI

[2015]

Prize “Florence Ambassador” for the XII world conference of Public Communication of Science and Technology

1996 and 2000

[2014]

“La Vigna” International Library Book award

International prize given by the Society for the Social Studies of Science for the best essay by a young researcher.

[2011]

International Book Prize “Calabria”

Award for the best sociology dissertation discussed in Italy.

[2007]

Merck-Serono prize for science books, Special Jury Award

RAI (Italian Public Television) award for research in mass communications.

[1997]

Nicholas Mullins Award

[1997]

Premio Lelli

PROFESSIONAL MEMBERSHIPS, ADVISORY BOARDS, COMMITTEES

[2022 – Attuale]

Member of Academia Europaea

Member of the editorial board of the international journal *Public Understanding of Science* (Sage).

[Attuale]

Member of the editorial board

Partner and coordinator in several national and international research projects, including EU- funded projects.

Partner and coordinator in research projects

Evaluation and advisory activities for European Commission, National Science Foundation (USA), Royal Society (UK), Wellcome Trust (UK).

Evaluation and advisory activities

Editor in chief of the international journal *Public Understanding of Science* (Sage).

[2016 – 2019]

Editor in chief

National Research Evaluation Agency (ANVUR).

[2002 – Attuale]

Member of the International PCST (Public Communication of Science and Technology) Scientific Committee

Member of Advisory Board, Risk Communication, European Food Safety Authority (EFSA).

[2015 – 2016]

Member of Third Mission indicators working group

Human Genetics Foundation, Italy.

[2013 – 2016]

Member of the EFSA Advisory Board

World Conference on Public Communication of Science and Technology, Florence (Italy).

[2012 – 2016]

Member of Ethics Committee

European Science Open Forum (ESOF), Turin (Italy).

[2011 – 2013]

Member of the Kluywer Center for Genomics Scientific Advisory Board

Wellcome Trust Science in Society Monitor.

[2012]

Chair of the PCST Programme Committee

[2011]

Member of the ESOF Programme Committee

[2008 – 2013]

Member of International Advisory Board

[2006 – Attuale]

Co-fondatore e coordinatore comitato scientifico fondazione Observa Science in Society

COLLABORAZIONI CON I MEDIA

Stampa quotidiana e televisione

Articoli su scienza e tecnologia (Il Foglio, Corriere della Sera, Repubblica, Sole 24 Ore, La Stampa)

Ideazione e cura della rubrica sulle innovazioni "Da dove viene" nella trasmissione Superquark condotta da Piero Angelo (Raiuno, 2016-2022)

INDICATORI BIBLIOMETRICI

Principali indicatori bibliometrici

- Publish or Perish: 3614 cit., h=26
- Scopus: 1594 cit., h=23
- Web of Science: 841 cit.
- Google Scholar: 2420 cit.
- WorldCat: 72 works in 304 publications in 5 languages and 6,334 library holdings

Libri

- *Science and the Media*. London and New York: Routledge, 1998 (pp.xii+195) (ed. it. 2000, *La scienza in pubblico*, Mc-Graw-Hill; paperback edition, 2014).
- *La scienza imbavagliata. Eresia e censura nel caso AIDS* Prefazione di Giulio Giorello. Limina, 1998 (pp.xi+191).
- *Vino, alghe e mucche pazze: la rappresentazione televisiva delle situazioni di rischio* Roma: ERI/RAI, 1999 (pp.151).
- *Scienza e Società. Un'introduzione alla Sociologia della Scienza*. Bologna: Il Mulino, 2002, pp.198. new ed. Revised and expanded, Milano, Raffaello Cortina, 2010, pp. 207.
- *Science in Society. An Introduction to Social Studies of Science*, London and New York: Routledge, 2004. pp. 168 (hardcover and paperback).
- *Scegliere il mondo che vogliamo. Cittadini, politica, tecnoscienza*, Bologna: Il Mulino, 2006 pp.190.
- *Beyond Technocracy. Science, Citizens, Politics*, New York: Springer, 2009. (Chinese edition, Peking University Press, 2016).
- *Scienziati e antiscienziati. Perché scienza e società non si capiscono*, Bologna, Il Mulino, 2010, pp.121.
- *Il Pollo di Newton. La scienza in cucina (Newton's Chicken. Science in the Kitchen)*, Guanda, 2013, 185pp (Finnish ed. 2014, Gaudeamus; Portuguese ed. 2015 Unicamp; Spanish ed. SigloXXI 2016; French ed. Seuil, 2018; English edition, World Science, 2020).
- (con E. Canadelli) *Nature immaginate. Immagini che hanno cambiato il nostro modo di vedere la natura*, Sansepolcro, Aboca Edizioni, 2015, pp.224.
- *Per un pugno di idee. Storie di innovazioni che hanno cambiato la nostra vita*, Milano, Bompiani, 2016 (3 editions).
- *Come vincere un Nobel. L'immagine pubblica della scienza e il suo premio più famoso*, Torino, Einaudi, 2017, 250pp. (Finnish ed. Gaudeamus, 2018; English ed. forthcoming, MIT Press).
- *Sbagliare da professionisti. Storie di errori e fallimenti memorabili*, Milano, Rizzoli, 2018, pp.222.
- *Io e Tech. Piccoli esercizi di tecnologia*, Milano, Bompiani, 2020, pp. 120.
- *Newton's chicken. Science in the Kitchen*, World Scientific, 2020, pp. 168.
- *Natale di scienza. Storie di scoperte e stupore*, Interlinea, 2021, 84 pp.
- *Scienza e cucina. Il pollo di Newton e altri incontri tra saperi e sapori*, Interlinea, 2023, 240 pp.
- *Confidenze digitali. Vizi e virtù dell'innovazione tecnologica*, il Mulino, 2023, 176 pp.
- (con B. Trench) *Science Communication: The Basics*, Routledge, 2025, 160 pp.

Curatele

- M. Bucchi and F. Neresini (eds.), *Sociologia della Salute*, Prefazione di Alberto Melucci. Roma: Carocci, 2001 (pp. 323). (fifth ed., 2011).
- M. Bucchi e F. Neresini (eds.) *Cellule e cittadini. Biotecnologie nello spazio pubblico*, Milano, Sironi, 2006 pp.237.
- *Sapere, fare, potere. Verso un'innovazione responsabile*, Soveria Mannelli (CZ): Rubbettino, 2006, (pp.140) (with essays by R. Nelson, B. Latour, D. Callahan).
- M. Bucchi and M. Bauer (eds.) *Journalism, Science and Society: Science Communication Between News and Public Relations*, London and New York: Routledge, 2007 pp. 256. (2nd ed. in paperback, 2010; Chinese edition published by China Modern Economic Publishing House, 2011).
- M. Bucchi and B. Trench (eds.) *Handbook of Public Communication of Science and Technology*, London & New York: Routledge, 2008, pp. 288 (new edition with new chapters, 2014, pp. 258; 2nd edition in paperback, 2014. Chinese edition forthcoming); third edition with new chapters, 2021, pp.344.
- M. Bucchi and V. Arzenton (eds.) *Annuario Scienza e Società 2009*, Bologna, Il Mulino, 2009, pp.176.
- M. Bucchi and F. Neresini (eds.) *Annuario Scienza e Società 2010*, Bologna, Il Mulino, 2010, pp.192.
- R.K. Merton., *Scienza, religione e politica*, preface, postscript and edited by M. Bucchi, Il Mulino, 2011 (pp. 351).
- M. Bucchi and A. Bonaccorsi (eds.), *Trasformare conoscenza, trasferire tecnologia. Dizionario critico delle scienze sociali sul trasferimento tecnologico*, Venezia, Marsilio, 2011, pp. 303.
- M. Bucchi and G. Pellegrini (eds.), *Annuario Scienza e Società 2011*, Bologna, Il Mulino, 2011, pp. 192.

- M. Bucchi and B. Trench (eds.), *Quality, Honesty and Beauty in Science Communication, Book of Papers of the XIIIth International Public Communication of Science and Technology Conference*, Vicenza, Science in Society, 2012 pp. 448.
- M. Bucchi and B. Saracino (eds.), *Annuario Scienza Tecnologia e Società 2014. Dieci anni di scienza nella società*, Bologna, Il Mulino, 2014, pp. 240.
- M. Bucchi, L. Ciancio, A. Driescher (eds.) *L'esperimento della storia. Saggi in onore di Renato G. Mazzolini*, Trento, Fondazione Museo Storico, 2015, pp.177.
- M. Bucchi, B. Trench (eds.), *The Public Communication of Science*, IV volumes., Routledge Major Works in Sociology Series, London and New York, Routledge, 2016, pp.1508.
- M. Bucchi, B. Trench (eds.), *Handbook of Public Communication of Science and Technology*, third edition, updated and with new chapters, London and New York, Routledge, 2021, pp.344.
- Bucchi, M. Pellegrini G., Rubin A., Saracino B. *Venti di anni di scienza nella società. Annuario Scienza Tecnologia e Società*, Bologna, il Mulino, 2024.

Papers in riviste scientifiche (selezione)

- Can Genetics Help us Rethink Communication? Public Communication of Science as a 'Double Helix'. *New Genetics and Society*,
- with F. Neresini, "Which indicators for the new public engagement activities? An exploratory study of European research institutions", in *Public Understanding of Science*, 2011, 20: 64-79.
- Style in science communication in *Public Understanding Of Science*, 22, 2013: 904-915. - DOI: 10.1177/0963662513498202.
- Norms, Competition and Visibility In Contemporary Science: The Legacy Of Robert K. Merton, *Journal of Classical Sociology*, 2015: 1-20.
- With B. Trench ,Science Communication and Science in Society: A Conceptual Review in Ten Keywords, *Tecnoscienza* 7, 2016: 151-168,
- With B. Saracino, Visual Science Literacy: Images and Public Understanding of Science in the Digital Age, *Science Communication*, 38, 2016: 812-819
- The winner takes it all? Nobel laureates and the public image of science, *Public Understanding of Science* 27, 2018: 390 -396.
- With I. Ampollini, When Public Discourse Mirrors Academic Debate: Research Integrity in the Media", *Science and Engineering Ethics*, 2019, <https://doi.org/10.1007/s11948-019-0010>
- With E. Loner and E. Fattorini, Give science and peace a chance: Speeches by Nobel laureates in the sciences, 1901-2018. *PLoS ONE* 2019 <https://doi.org/10.1371/journal.pone.0223505>.
- With M. Entradas et al. Public communication by research institutes compared across countries and sciences: Building capacity for engagement or competing for visibility? *PLOS ONE*, 2020 <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0235191>
- The Saints of Science? Bodies, Ceremonies, and the Public Image of Science, *Historia Scientiarum*, 30, 2020: 36-49.
- To boost vaccination rates, invest in trust, *Nature Italy*, January 2021, <https://www.nature.com/articles/d43978-021-00003-y>
- With B. Trench, Rethinking science communication as the social conversation around science, *JCOM Journal of Science Communication*, 2021
- With B. Saracino and E. Fattorini, Public Perception of COVID-19 Vaccination in Italy: The Role of Trust and Experts' *Communication, Int J Public Health*, 16 March 2022 <https://doi.org/10.3389/ijph.2022.1604222>
- Bucchi, M. Have we ever been satisfied with Science Communication? Continuity and change, *Journal of Science Communication*, 21 (7), 2022.
- Loner E., Fattorini E. & Bucchi M., The role of science in a crisis: Talks by political leaders during the COVID-19 pandemic, in *PloS ONE*, 18(3):e0282529, 2023.

- Joubert M., Guenther L., Metcalfe J. et al. (2023), 'Pandem-icons' — exploring the characteristics of highly visible scientists during the Covid-19 pandemic, in JCOM, 2023, 22(1):A04.
- Kennedy MR. et al.. "It is Very Difficult for us to Separate Ourselves from this System": Views of European Researchers, Research Managers, Administrators and Governance Advisors on Structural and Institutional Influences on Research Integrity, Journal of Academic Ethics, 2023.

Contributi a enciclopedie e volumi (selezione)

- "Ricerca, politica della", ('Research Policy') voce dell'*Enciclopedia delle Scienze Sociali Treccani*, Aggiornamento. Roma: Istituto dell'Enciclopedia Italiana, 2001, vol. IX: 245-258.
- "Public understanding of science". In *Storia della scienza. Vol. 9, La grande scienza*. Roma: Istituto della Enciclopedia Italiana, 2003: 811-817
- with M. Diani (eds.) *Tecnologie in discussione*, Torino: Rosenberg & Sellier, 2006, special issue of the journal *Quaderni di Sociologia*, 41, 2006.
- with F. Neresini "Science and public participation" in Hackett E. et al. (eds.), *New Handbook of Science and Technology Studies*, Cambridge, Mass: MIT press, 2008: 449-473.
- "Repubblica o mercato? Produzione e diffusione della conoscenza in Europa" in L. Sciolla (eds.), *Processi e trasformazioni sociali. La società europea dagli anni Sessanta a oggi*, Roma-Bari: Laterza, 2009, p. 137-158.
- La scienza nella stampa quotidiana" in F. Cassata, C. Pogliano (eds.), *Scienze e cultura dell'Italia Unita*, Torino, Einaudi, 2011: 297-320.
- "Visible Scientists, Media Coverage and National Identity: Nobel Laureates in the Italian Daily Press" in B. Schiele, M. Claessens, S. Shi (eds.), *Science Communication in the World: Practices, Theories and Trends*, New York: Springer, 2012: 259-268.
- "Cibo e scienza. Intersezioni tra scienza e cucina", in M.Montanari (eds.), *Cultura del Cibo vol.IV, Il cibo nelle arti e nella cultura*, Torino: UTET Grandi Opere, 2015.
- with E. Loner and L. Beltrame, "Climate Change Communication in Italy", Oxford Research Encyclopedia of Climate Science, Oxford University Press, 2017: 1-35.
- "The Laureate in the Spotlight: Renato Dulbecco and the public image of the Nobel prize", in *Attributing Excellence in Medicine The History of the Nobel Prize*, Edited by N. Hansson et al., Brill, 2019: 175-191.