

#### ACADEMIC POSITIONS - CURRENT

2005- present full professor of Statistics, University of Milan-Bicocca

2021 – present co-director of School of Data Journalism, Università Vita-Salute San Raffaele Hospital (UniSR) Milano

#### ACADEMIC POSITIONS - FORMER

2000-2004 associate professor of Statistics, Faculty of Statistical Sciences, UniMiB

1995-2000 assistant professor of Statistics, Faculty of Political Sciences, State University of Milan, Italy

1992-1995 assistant professor of Statistics, Faculty of Economics, University of Brescia, Italy.

2018-2022 Elected Member Board of director of the Italian Statistical Society (SIS)

2020 – 2022 Designated Member Academic Working Group for Research and Research Enhancement

2016- 2019 President Didactical Committee, Dpt Sociology & Social Research

2013- 2016 designated member of the UniMiB Academic Committee for monitoring didactic activities (PQA-Didattica),

2013 - 2020 Member Board PhD in Statistics and Mathematical Finance, UniMiB

2010 - 2016 Director of the PhD Program in Statistics – UniMiB

2007-2013 elected member of the Equal Opportunities Committee, UniMiB

1998-2004 in charge for undergraduate student orientation & recruitment, Faculty of Statistical Sciences, UniMiB

Health Leaves: Apr-Dec 2024; Jan-Apr 2009

Sabbatical Leaves: Oct 2009-Sep2010; Oct 2026 – March 2027

#### EDUCATION

1992 PhD in Methodological Statistics, University of Trento

1987 Graduated cum laude in Political Sciences, State University of Milan

07-08/1989 Summer School of Mathematics, University of Perugia

10/1994 Summer School of Nonparametric Statistics, University of Naples

09/1995 Summer School of Robust Statistics, University of Naples

#### TEACHING

1992- present teaching courses in Statistics and Probability for undergraduate students in Statistics, Sociology, Psychology, Economics and Political Sciences;

2014- present Designated supervisor of PhD students in Statistics undergraduate and graduate students

2001-present teaching advanced (MS) courses in Statistics, SAS and SPSS software, Data Journalism & Statistical Reasoning

2000 - 2020 teaching advanced (PhD) courses in Statistics, Sampling theory, Mathematica software and Stochastic Simulations

#### MENTORING (SELECTED - RECENT & CURRENT)

December-February 2026 Statistics Research Training to undergrad students in Sociology (Giulia V. Arango Ataucusi, Gaia Siano, Stefano O. Wahor, Unimib)

March-May 2025 Statistics Research Training to undergrad students in Sociology (Arianna Scaglia, Unimib)

April –July 2025 PhD Research Project & Thesis co-supervisor (Jorge Luis Rueda-Sánchez,

University of Granada, Spain)

INTERNATIONAL VISITING & INVITED SEMINAR, DISCUSSION (SELECTED)

2027/12/26-29 Invited paper Topical ISI Session proposal to the International Indian Statistical Association IISA 2026 "Exploring the Potential of Bootstrap for Data Integration from Probability and Non-Probability Data Sources"

2026/07/07 Invited Seminar University of Granada "Multiple Frame Surveys: A Resilient Framework for Digital-Era Challenges"

2026/06/3-5 Invited paper ISI RSC – Valletta, Malta, IPS 1280 "Innovative survey methods for the public good"

2026/06/3-5 Invited Discussion for ISI RSC – Valletta, Malta IPS 1273 "New paradigms and challenges of sampling statistics in the digital era"

2026/03-04 Invited paper SDS - Vanvitelli University, Caserta Session organized by ISI special interest group on data science "Exploring the potential of Bootstrap for data integration from probability and non probability sources"

2025/10/07. Invited Discussion for IPS 686 "Data Science for Gender Equality Studies", 65th ISI World Statistics Congress

2025/07/01-04. Invited Paper ITACOSM2025 - UniBO "Roots, Trends and Emerging Horizons of Multiple Frame Surveys"

2025/04/02 Invited PanelSpeaker, UniMi&PloiMi, SDS2025 Third Conference of the Statistics and Data Science Group of the Italian Statistical Society "Data Science Against Inequality"

2024/02/22 Invited STATistics Seminars, University of Bologna "What is big in big data? A sampling statistician perspective"

2023/11/16-18 Invited International Speaker, VI Escola de Amostragem e Me'todos de Pesquisa, Universidade de Campinas, Brazil <https://eventos.galoa.com.br/vi-esamp/page/2766-inicio>

16/11 Sessão Temática "Balancing quantity and quality: sampling challenges in Big Data"

18/11 Conferência "What is big in big data: a sampling statistician perspective"

2023/07/18 Invited Speaker at the IASS President Invited Session , 64th ISI World Statistics Congress, Ottawa, "Bridging Big Data and Sampling Methodology: a Sampling Statistician Perspective"

2023/06/21 Discussant Specialized Session "Machine learning in the design, analysis and integration of sample" SIS 2023 - Ancona

2023/06/07-09 ITACOSM2025 UniCal; Discussant SPE6 "Sampling Statistics"; Discussant SPE7 "Big Data and Non Probability Samples"; Organizer&Chair SPE9 "Newer Approaches to Old Sampling Issues"

2023/04/21 Invited MOX Seminars, Politecnico di Milano "What is big in big data? A sampling statistician perspective"

[https://www.mate.polimi.it/Eventi/?id=2272&sezione\\_di\\_ricerca&stringa=mecatti&submit=Submit&lg=en](https://www.mate.polimi.it/Eventi/?id=2272&sezione_di_ricerca&stringa=mecatti&submit=Submit&lg=en)

2023/01/12 Invited DiSIA Seminars, University of Florence "A fresh look to Multiple Frame Surveys for a multi data source world" <https://labdisia.disia.unifi.it/seminari/abstract-seminari.php#abs290>

2022/11/30 Invited (International Statistical Institute) IASS Webinar Series "Bridging Big Data and Sampling Methodology: what is big and where is the bridge"

2022/11/02 Invited Statistics Canada Methodological Symposium Workshop 3 "Methods for Multiple Frame Surveys" (3h, online)

2020/01/15 Invited Seminar at CAST Lab Seminars for Advanced Studies, University of Pernambuco, Recife, Brazil "Putting Selection Bias at work: from Representativeness Observational Studies to Effective Sampling Strategies"

2020/01 Visiting C.Ferraz at the Universidade Federal de Pernambuco

2019/10/1-4 Invited talk TB MAC / WHO annual meeting " Subnational TB Estimates: SAE-LM modelling using TB prevalence survey data " Istanbul, Turkey

2019/05/10 Invited talk CUSSB (San Raffaele Hospital - Milano) "A special Gender of Statistics: Roots and Prospects in the Big Data Era" (with F.Crippa)

2019 COOPERATION AGREEMENT FOR DOCTORAL THESIS CO-SUPERVISION, with Università della Svizzera Italiana, Lugano, Dr Francesco Denti

2018/12/19 Invited talk at EMR-IBS (International Biometric Society), Jerusalem, Israel "Designing effective sampling strategies in biomedical studies: is selection bias always bad?"

2018/05/11 Invited Workshop WHO TME, Geneva "Sampling design on national TB prevalence surveys: progress update"

2018/03/01 Invited seminar ORSTA Katholieke Universiteit Leuven "Sequential adaptive sampling for rare populations"

2018/02/06 Invited talk CUSSB USR Milano "Sampling strategies for effective decisions"

2018/01/12 Keynote Address 10ème Journée MAASC, Mediametrie Paris "Multiple Frame Surveys: a unified principled framework to estimation".

2015/08-09 Visiting NORC (National Opinion Research Center) at University of Chicago, Center of Excellence in Survey Research

2013 External Examiner PhD thesis, University of Southampton

2012-2013 Chair of the scientific committee of ITACOSM 2013 - Third Italian Conference on Survey Methodology

2012/02/08-11 Facilitator at WHO Global Task Force on TB Impact Measurement, Sub-group on TB prevalence surveys, "Bayesian Sample Size Calculator" Invited talk Phnom Penh, Cambodia

2013, 2012, 2010/01-02 Visiting NORC (National Opinion Research Center) at University of Chicago, Center of Excellence in Survey Research

2010/02/03 Invited Seminar NORC, Chicago "A Multiplicity Approach to Multiple Frames Estimation"

2010/04-09 Visiting WHO (World Health Organization), Tuberculosis Monitoring&Evaluation unit, StopTB department

2008/07 and 2007/07 Visiting Statistics Canada, Statistical Research and Innovation Division

2004/07 Visiting Statistics Canada, Household Survey Methods Division

2003/06-07 Visiting J.N.K. Rao, School of Mathematics & Statistics, Carleton University

2003/07/23 Invited Seminar Statistics Canada, Ottawa "Center Sampling: a strategy for elusive population survey"

2001/05 Visiting S.K. Thompson, Department of Statistics, PennState University

1991/01-03 Visiting B. Efron, Department of Statistics, Stanford University

ORGANIZATION: VISITING SCHOLAR, COURSES, CONFERENCES

2026/ 05/15 Organizer & Speaker “Coding Girls 2026 - Elementary Schools, Milano – Final Event” UniMIB

2025/ 09/30- 10/04. Cristiano Ferraz, Universidade Federal de Pernambuco and FAO; International Seminar ““Building Data-Based Knowledge: Myths and Truths About How Much Is Enough to Validate Statistics.”

2025/06/16 Invited Organizer&Discussant of the Specialized Session “Non probability Sample & Data Integration: beyond ignorability” SIS2025 – Genova

Member of the Scientific Committee SIS2024 Bari 11-14/06

2023/07/07-09 ITACOSM2023 UniCal - Member of the Scientific Commission; Organizer & Chair

Spring School in Data Journalism (2021-2022) University “Vita&Salute” San Raffaele Hospital Milano. Co-director & teacher

Winter School in Data Journalism (2020-2021) University “Vita&Salute” San Raffaele Hospital Milano. Co-director & teacher

2020/01-02 & 2018/03 2018/01 Pier Luigi Conti, Sapienza Università Roma

2019/04 & 2018/03 & 2015/09 Cristiano Ferraz, Universidade Federal de Pernambuco and FAO

2017/07 Gerda Claeskens, Katholieke Universiteit Leuven;

2016/10 Tamàs Rudas, Eötvös Loránd University, Budapest and Director TARKI-Centre for Social Sciences of the Hungarian Academy of Sciences

2011/09 Gerda Claeskens, Katholieke Universiteit Leuven

2011/06 R.Chambers, University of Wollongong (joint with R. Borgoni)

2011/06 G.Vining, Virginia Tech (joint with R. Borgoni)

2011/04 G.J.A.Fox, University of Twente, The Netherlands (joint with F.Crippa)

2005/05 M. Srivastava, University of Toronto

2004/04 R.P. Gupta, Dalhousie University, Halifax

2003/09 J.N.K. Rao, Carleton University, Ottawa

2001/09 S.K.Thompson, PennState University

2024 Member of the Scientific Committee 52° Scientific Meeting of the Italian Statistical Society (SIS), University of Bari

2023 Member of the Scientific Committee ITACOSM2023- (ITALian Conference on Survey Methodology) Università della Calabria <https://meetings3.sis-statistica.org/index.php/itacosm2023/main>

2012 – 2013 Chair of the Scientific Committee ITACOSM2013 - The Third ITALian CONFERENCE on Survey Methodology, University of Milano-Bicocca

2010 Member of the Scientific Committee 45° Scientific Meeting of the Italian Statistical Society (SIS), University of Padova

#### GUEST/INVITED EDITORSHIP & PEER REVIEW SERVICES (RECENT)

2024 Invited Guest Editor of the Special Issue Metron (ISSN 0026-1424, 2281-695X) "ITACOSM2023 - New Challenges for sample surveys: innovation through tradition"

2022 – present Associate Editor of the Italian Journal of Applied Statistics <https://www.sai-ijas.org/ojs/index.php/sai-ijas>

2020-2021 Invited Guest Editor of the Special Issue open access journal Stats (ISSN 2571-905X). "Re-sampling Methods for Statistical Inference of the '20s"

2019-2022 Associated Editor of Statistical Methods & Applications, Springer <https://www.springer.com/journal/10260>

See <https://publons.com> since 2017

Formerly: International Statistical Review,, Journal of Official Statistics, Journal of Statistics, Metron, Scandinavian Journal of Statistics, Multivariate Analysis, Sociedade Portuguesa de Estatística, Social Indicators Research (SOCRI), Statistical Method&Application, Studies in Theoretical and Applied Statistics, SurveyMethodology, Test

#### RESEARCH

2012-present Department of Sociology and Social Research

1999-2012 Department of Statistics, UniMiB

1996-1999 Institute of Statistical & Mathematical Sciences, State University of Milan

1992-1996 Department of Quantitative Methods, University of Brescia

2020- present Designated Member FENStatS Covid-19 Working Group (European Federation of National Statistical Societies)

2020.present Designated Member Scientific Committee of "Fondazione per la Ricerca Scientifica

in Ostetricia, Ginecologia e Neonatologia FNOPO"

2018-present Member of the NSHR Roster – ESS/OCS of UN Food and Agricultural Organization (FAO)

2012- present Facilitator at WHO Global Task Force on TB Impact Measurement, Sub-group on

TB prevalence surveys

2009 –2018 Scientific Committee of ABCD Inter-departmental Center for Gender Issues Study, UniMiB, Designated member

2012-2013 President "Sample Survey Group" of the Italian Statistical Society  
2011- 2012 Vice-president elected "Sample Survey Group" of the Italian Statistical Society  
2009- 2010 Elected Member Board "Sample Survey Group" of the Italian Statistical Society

Member of :

Italian Statistical Society  
International Statistical Institute  
American Statistical Association  
International Biometrics Society

Research work concerns five main fields:

1. Sampling Statistics
2. Causal Inference from Observational data
3. Gender Statistics
4. Bootstrap and Stochastic Simulations
5. Statistical Inference

In these fields author or co-author more than 90 papers, 6 sets of lecture notes and 2 textbooks (in Italian)

#### CONSULTANCY & PROFESSIONAL ACTIVITIES

2025-present Collaborator with Fondazione Mondo Digitale, Project Coding Girls & Women  
<https://www.mondodigitale.org/en/projects/coding-girls>

2021 07-09 Consultant UN Women in collaboration with Inter-Secretariat Working Group on Household Surveys, United Nations Statistics Division (UNSD) (Contract #2021-170)

2017-2018 scientific direction of the research "Indagine sulle Discriminazioni , Welfare aziendale e Benessere organizzativo", Equal Opportunities Committee (CUG) –UniMiB

2018/04/10 Invited talkshow #STEMinTheCity, Modis-Adecco-Microsoft Milano "Pink Evolution: il futuro del lavoro tra tecnologia e opportunità"

2012 scientific direction of the survey "Indagine sui comportamenti indesiderati a sfondo sessuale (molestie) in Università" Equal Opportunities Committee (CPO) - UniMiB

2003-2013 scientific direction of the annual survey "Effects of interventions and activities of orientation & recruitment", UniMiB, Chancellor's office grant and Evaluation Committee's grant

2002 scientific direction of the research "Monitoring stage experiences in the High School of Lombardia Province (Italy) in 2001-2002", Lombardia Education Office grant

2017-present Chief Statistician, SpeakingData! Srl, Milano

1995-present consulting for private Italian companies