Marco Bianchetti

Curriculum vitae et studiorum

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Short Profile

Experience, since 2000, in Market Risk Management and Front Office Financial Engineering areas of leading financial institutions. Strong commitment in strategic & innovation projects. Ph.D. in theoretical physics with 6+ years research experience, extensive teaching activity. Empathic and effective professional, able to take initiative and responsibility, propose and lead projects, deliver and report results, manage budget, junior and senior resources. Head of Internal Model Market Risk since Apr. 2021. Adjunct Professor at Univ. of Bologna and Torino.

Job experiences

Present **Oct. 2024** **Milan**	***Intesa Sanpaolo, Market and Financial Risk Management - Head of Market and Counterparty IMA Methodologies***: responsible of regulatory market and counterparty risk internal models under Basel 2.5 and FRTB and of global fair/prudent/IPV policies of Intesa Sanpaolo Group. Lead a team of 12 people.
Sep. 2024 **Apr. 2021** **Milan**	***Intesa Sanpaolo, Market and Financial Risk Management – Head of IMA Market Risk:*** responsible of regulatory market risk models and RWAs under Basel 2.5 and FRTB and of global fair/prudent/IPV policies of Intesa Sanpaolo Group. Lead a team of 12 people.
Apr. 2021 **Oct. 2015** **Milan**	***Intesa Sanpaolo, Financial and Market Risk Management – Head of Fair Value Policy:*** responsible of the global fair/prudent/IPV policies of Intesa Sanpaolo Group. Focus on valuation risk management, pricing models, portfolio optimization, bubble analysis, Quasi Monte Carlo techniques. Lead a team of 6 people (3-4 people in Milan, 1 in HK, 1 in NY).
Oct. 2015 **Jan. 2012** **Milan**	***Intesa Sanpaolo, Market Risk Management, Derivatives Management – Quantitative Risk Manager, Head of Financial Modelling and Validation***: lead a horizontal team of quants and risk managers in charge of front office pricing models validation, development of analytics for market and counterparty risk. Focus on interest rate modelling, XVAs, quasi-Monte Carlo, fair/prudent valuation, IPV.
Jan. 2012 **Jan. 2008** **Milan**	***Intesa Sanpaolo, Market Risk Management, Derivatives Management – Quantitative Risk Manager***: worked on pricing and risk management of portfolios of derivatives (interest rate, equity, inflation), front office pricing model validation, model risk assessment and monitoring, product innovation, fair value policy, fair value adjustments, Markit/Totem data analysis.
Jan. 2008 **May 2002** **Milan**	***Caboto Bank*** *(merged* ***IMI Bank*** *Sep. 2007),* ***Front Office Financial Engineering area – Quant****:* designed/developed/delivered pricing models and trading platforms for inflation and interest rate derivatives trading desks.
May 2002 **Oct. 2000** **Milan**	***Intesa Bank, Risk Management, Financial Engineering area – Quant:*** worked on models and trading platforms for plain vanilla, rendistato, bond coupon stripping, equity baskets derivatives.
Oct. 2000 **Jul. 2000** **Genoa**	***INFM–National Institute for Matter Physics, Project Management, Technology Transfer & Outreach Area***: worked on monitor & plan the Institute strategic activities, supported management for area organisation.
Jul. 2000 **Nov. 1995** **Milan**	***Physics Department, University of Milan:*** Ph.D. research activity on many-body problems in nuclear and molecular physics. Short periods in Germany. Assistant lecturer at Polytechnic of Milan, University of Milan and Milan-Bicocca (4 courses, 300+ students).
Sep. 1996 **Sep. 1995** **Milan**	**SILAQ Italia S.r.l.:** consultant on safety, environment and quality services, run new local office of start-up company, customizing and marketing technical services, measuring customer satisfaction and developing new business opportunities.
2006 **1996**	***ADI–Italian Ph.D. Association****:* co-promoter (1997), 1st president (1998-2000) member of board of directors. Improved working conditions of young researchers and promoted Ph.D. in Italy (*www.dottorato.it*).
Other positions	▪ Sept. 2015-present: adjunct professor of Advanced Interest Rate Models and Markets, University of Bologna ▪ 2019-2023: adjunct professor of Quantitative Risk Management, University of Torino ▪ 2014-present: co-coordinator of AIFIRM working groups. ▪ 2011-present: member of the board of directors of Ph.D. and master courses in Quantitative finance. ▪ Tutor/Co-tutor of M.Sc. students in physics (6) and finance (11).

Projects

- **Finance:**
  - Since 2019: **Valuation Risk Management**: set up the governance framework, coordinated data collections and responses to regulatory requests.
  - Since 2013: **Prudent Valuation**: set up of the methodological and governance framework, coordinator of AIFIRM working group with Prof. U. Cherubini (ca. 25 people).
  - 2013-2016: **Funding Valuation Adjustment** (FVA): set up of the methodological framework
  - 2012-2015: **CCR and CVA**: set up of the methodological framework.
  - 2010-2012: **CSA-Discounting**: set up of the methodological framework.
  - 2008-2010: **Model Risk**: working at the framework for pricing model risk assessment/monitoring and fair value adjustment, analysis of Markit/Totem data.
  - 2002-2007: **Inflation**: ready for the very first deal in 2002, I followed the full innovation process, from market understanding, mathematical modelling, full software prototype (7000+ code lines + spreadsheets), RM validation and users training. Front Office reference person for group integration project, coordinating consultant resources and working closely with people from all areas of the Intesa Sanpaolo Group.
  - 2005-present, promoted and co-organised two master courses in finance.
- **Non-profit:** ADI – Italian PhD Association: promotion of policies, funding, workshops and negotiations with highest university and government authorities. Editorial projects "*Cervelli in Gabbia*" and "*Cervelli in Fuga*". Coordination of research projects of Ph.D. quality assessment with major Universities and Government Committees (6 people, 60.000€ budget).

Technical skills

- **Finance (since 2000):**
  - Pricing plain vanilla and exotic derivatives, XVAs, multiple yield curve construction, SABR, short rate and market models, inflation/seasonality, derivatives on algorithmic indices, model calibration, local and global optimization algorithms.
  - Monte Carlo and Quasi Monte Carlo numerical simulation methods, greeks.
  - QuantLib developer 2006-2007 (see QuantLib project website).
- **Computing** (since 1992): developed IT expertise as research and professional tool. Utilised large computing resources on different platforms for numerical simulations.
  - Software: "from scratch" design and development of large codes (15.000+ total lines until 2008).
  - Numerical analysis: Monte Carlo, integration, differentiation, diagonalization, optimization, etc.
  - Languages: various knowledge of C/C++ (beginner), VBA, ELF, Matlab.
  - Architectures: used scalar (PC, workstation), parallel (CRAY) and distributed architectures.
  - Operative Systems: Windows, Unix and OpenVMS platforms.
  - Networking: intranet, internet and applications, web publishing and administration
  - Applications: various usage of Murex, Applix, RiskWatch, FO systems, MSVisualC++, SVN/CVS/SourceSafe, LaTeX, MSOffice, DreamWeaver, and other Unix and Windows applications.

Education and training

- **Ph.D.** degree in physics, University of Milan, Jan. 2000. 3 years fellowship after national public trial (15 positions vs. 160+ partecipants). Final defence in front of an international committee.
- **M. Sc.** degree ("laurea") in physics, 110/110 *cum laude,* Univ. of Milan, Jul. 1995.
- **Training**: various trainings and conferences on derivatives pricing, management of technology and computing (see complete list attached).

Publications & conferences (complete list attached)

- Author of some research papers in finance and physics, see SSRN, Arxiv and Google Scholar.
- Frequent invited speaker at international conferences and training courses in finance.

Addendum

- **Languages**: English: good read, written and spoken; TOEFL score 610 (1995). Native Italian.
- **Military service**: Italian Army, logistics, lance corporal (1994-1995, 12 months).
- COOPI course on international cooperation (2006).
- **Team working**: daily interaction with management, traders, structurers, quants, IT, Financial & Product Control, Accounting, Organisation, external Auditors, Regulators, industry Associations.
- **Personal characteristics**: effective professional, able to take initiative and responsibility, propose and lead projects, plan, deliver and report. See LinkedIn recommendations.

I authorize my personal data processing for human resource research and selection and in compliance with privacy laws.

Milan, June 2025

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