

Luigi Antonio Cefis



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EDUCATION

University of Chicago, Chicago, IL, USA

- Master of Science in Financial Mathematics, July 1999
Fellowship from 'Banca d'Italia' (The Bank of Italy) for the academic year '98/'99
- Master of Science in Statistics, August 1998

Università Commerciale 'Luigi Bocconi', Milano, Italy

- Degree in Social and Economical Disciplines (Laurea), Magna Cum Laude, April 1997

Languages

- Fluent and literate in Italian, English, German and French.

SELECTED EMPLOYMENT

Intesa Sanpaolo S.p.A., Milano, Italy – Risk Management IMI CIB

Senior Director – Head of CIB Capital Markets from April 2021 (former Head of Derivatives Pricing and Analysis, Mar 2011 – Mar 2021, Coordinator of the Derivative Pricing and Financial Modelling Unit, Oct 2000 – Feb 2011; Banca Intesa S.p.A. Consultant, Jan 2000 – Sep 2000) currently supervising:

o **Financial Engineering and Pricing Controls:**

- i. Model and Valuation Risk – Product Innovation for Financial Instruments: analysis, development, and validation of Front Office pricing models and of Fair Value methodologies for derivatives, debt instruments and funds, for new financial products, and model/methodology monitoring over time (**including Euribor Level 3 bank methodology**). Periodic computation of Fair Value Adjustments (xVAs) and Prudent Value Adjustments (AVAs).
- ii. Independent Pricing Controls on Financial Instruments: IPV – Independent Price Valuation 2nd level Controls also with respect to ESG issues. Independent automatic price certification for own Structured Certificates.
- iii. Analysis and Development of the Pricing Models into the Market and Counterparty Risk Management Systems (RiskWatch and Numerix Libraries).

o **CIB Risk Controls:**

- i. Counterparty Risk Framework and Controls: monitoring of counterparty exposures and Add-on adherence to market conditions; credit line breach reporting.
- ii. Counterparty Risk Advisory and Reporting: daily counterparty risk measure computation, validation, and structured reporting for Committees, Institutional Tables and Supervisors for substitution and settlement risks, also with respect to ESG issues. Internal model use test. Advisory to Business and Credit Functions.
- iii. CIB Market Risk Controls: implementation and monitoring of Market Risk 2nd level Controls on IMI CIB trading desks (sensitivity limits: definition and monitoring).

o **Institutional Tasks:**

- Maintenance of the *relationship with the international scientific community*, on both Pricing and Risk Management methodologies.
- Participation in *private sector international working groups* (ECB and ESMA WG on EUR RFRs, ISDA and ICMA WGs, LCH and EurexClearing WGs, etc.) and *working groups or commissions* promoted by e.g. Fondo Interbancario Tutela Depositi, ABI, Assiom Forex.
- *Periodic reporting and meetings with Supervisors* (ECB – Banca d'Italia Joint Supervisory Team, Banca d'Italia, Consob, FED, etc.).

o **Innovation and Main Projects**

- *Valuation Methods and Pricing Controls on derivatives in Long Term Incentive Plans (LTIPs) for Bank Employees*: Spring-Summer 2022, Spring 2021, Spring-Summer 2018, Spring-Autumn 2014.

- *Head of the 'Derivatives Pricing and Hedging' Subgroup of 'ISP Financial Benchmark Project'* (from June 2018): coordinating Front Office, Product Control, Financial Engineering and Risk Management functions *on pricing and risk methodologies and system implementations* for the *transition to the new interest rate benchmarks*.
Working Group on Euro Risk Free Rates: drafting team member (Apr 2019 – May 2021)
 - *SubGroup 5 on Cash Products and Derivatives*, with specific contributions on how to manage the transition for derivatives, on pricing model impact assessment, on how to measure liquidity in the new €STR derivatives market, and on analyzing the €STR based term structures as fallback for EURIBOR contracts.
 - *SubGroup 6 on Financial Accounting and Risk Management*.*Results presented in several seminars:*
 - 'Financial aspects of the ISDA IBOR Fallbacks', *Intesa Sanpaolo – IMI CIB Division Conference Live Streaming* 9 Feb 2021
 - 'Transitions of the new Financial Benchmarks for Derivatives', Seminars with M. C. Lege, *Università degli Studi di Milano – Bicocca, Milan*, 18 Dec 2020, 17 Dec 2019.
 - 'Benchmarks di tasso: overview lavori in corso e degli impatti sui fronti Euribor, Eonia, €STR e Libor', with M. C. Lege – *Assiom Forex, Borsa Italiana, Trading on line Expo 2019, Milan*, October 2019.
 - 'Panel Discussion Session on SIMM, MVA, IR benchmark transition', *Numerix Global User Conference – NEXT EMEA, Paris*, September 2019.
 - 'New pricing regimes for OTC derivatives in the incoming ESTER era', *PRMIA – 6th XVA, Risk, Clearing and Collateral Congress, Hannover*, March 2019.
- *Developed and implemented the Benchmark Cashflow Test Methodology (BCFT) in 'IFRS 9 Project'*, Sep 2016 – Dec 2017: new *methodology, personally developed* and implemented by an external vendor (Numerix). *Results published on SSRN:*
 - 'IFRS 9 – Benchmark Cash Flow Test', with E. Maffi, M. Busetti and A. Allegra, *Ernst & Young Workshop, Milan*, October 2017.
 - 'Testing for Convexity Relevance: An IFRS 9 Benchmark Cashflow Test Proposal (with Stochastic Volatility)', with D. Eliezer, *SSRN Working Paper*, September 2017.
 - 'Testing for Convexity Relevance: An IFRS 9 Benchmark Cashflow Test Proposal', *SSRN Working Paper*, May 2017.
- *Analyzed, developed, and implemented the Funding Valuation Adjustment (FVA) Methodology in 'IFRS 13 Follow-up Project'*, May 2015 – Jun 2016: supervised an internal WG dedicated to a *deep theoretical analysis* supported by *national and international seminars*. The defined *methodology* was *implemented* in Risk Management systems and *approved by* the *Board*. Refinements were then implemented according to evidences obtained from consensus data.
- *ECB Comprehensive Assessment – Asset Quality Review (AQR)*, Nov 2013 – Oct 2014; *ECB recommendation implementations*, Dec 2014 – June 2015: *responsible for Derivatives Pricing* for both the self-assessment and the challenge process with the National Competent Authority (Banca d'Italia) on the bank valuation processes (Fair Value), receiving a *very positive overall feedback* with only *marginal remedial actions* and with *negligible impacts on the bank Financial Statement*.
- *Other Presentations, Lectures and Working Papers:*
 - 'Model Risk Management Process and Issues from the Crisis', *CEE Structured Products 2011, Warsaw*, May 2011.
 - 'Model Risk in CPPI Crash Options', *Quant Congress Europe – Risk, London*, November 2010
 - 'Correlation Risk', *CEE Structured Products 2010*, Accessing high returns with secured capital protection, *EastEuro Link, Warsaw*, June 2010.

Austrian Energy & Environment, SGP/Waagner-Biro GmbH, Graz, Austria
Sales Department, Commercial Employee, December 1994 – January 1996