



## Ferdinando Maria Ametrano

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About me:

[Redacted]

### WORK EXPERIENCE

OCT 2019 – CURRENT – Italy

**CHIEF EXECUTIVE OFFICER – CHECKSIG**

Bitcoin and crypto solutions for private and institutional investors

Milan, Italy

SEP 2018 – CURRENT

**SCIENTIFIC DIRECTOR – DIGITAL GOLD INSTITUTE**

R&D center of excellence about scarcity in the digital domain (Bitcoin and crypto assets) and the underlying blockchain technology

Milan, Italy

OCT 2019 – CURRENT

**ADJUNCT PROFESSOR "BITCOIN & BLOCKCHAIN TECHNOLOGY" – UNIVERSITÀ DEGLI STUDI DI MILANO**

Master Program in Mathematics

Milano, Italy

OCT 2020 – SEP 2022 – Brescia, Italy

**ADJUNCT PROFESSOR "BITCOIN & BLOCKCHAIN TECHNOLOGY" – UNIVERSITÀ CATTOLICA DEL SACRO CUORE**

OCT 2016 – SEP 2021

**ADJUNCT PROFESSOR "BITCOIN & BLOCKCHAIN TECHNOLOGY" – MILANO-BICOCCA UNIVERSITY**

Master Program in Economics & Finance

Milan, Italy

OCT 2016 – SEP 2019

**ADJUNCT PROFESSOR "BITCOIN & BLOCKCHAIN TECHNOLOGY" – POLITECNICO DI MILANO**

Master Program in Mathematical Engineering

Milan, Italy

OCT 2013 – SEP 2022

**ADJUNCT PROFESSOR "INTEREST-RATE DERIVATIVES"** – MILANO-BICOCCA UNIVERSITY

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Master Program in Economics & Finance

Milan, Italy

JUL 2016 – JAN 2018

**CASH DIGITIZATION PROJECTS** – BANCA IMI (INTESA SANPAOLO GROUP)

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Milan, Italy

JAN 2016 – JUN 2016

**HEAD OF BLOCKCHAIN AND VIRTUAL CURRENCIES** – INTESA SANPAOLO GROUP – CHIEF INNOVATION OFFICE

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NOV 2007 – DEC 2015

**HEAD OF RATE CURVES AND CLEARING TOOLS** – BANCA IMI (INTESA SANPAOLO GROUP)

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JAN 2006 – OCT 2007

**HEAD OF FRONT OFFICE QUANTITATIVE R&D** – BANCA CABOTO (NOW INTESA SANPAOLO)

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JAN 2004 – DEC 2005

**HEAD OF ASSET ALLOCATION SPECIAL PROJECTS** – MONTE PASCHI ASSET MANAGEMENT SGR

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FEB 2002 – DEC 2003

**RISK MANAGEMENT OFFICER** – MONTE PASCHI ASSET MANAGEMENT SGR

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MAY 2000 – JAN 2002

**CO-FOUNDER, MANAGING PARTNER** – RISKMAP (NOW STATPRO ITALIA)

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JUN 1999 – MAY 2000

**INTEREST RATE TRADER** – BANCA CABOTO (NOW INTESA SANPAOLO)

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NOV 1996 – MAY 1999

**FRONT OFFICE QUANTITATIVE ANALYST** – BANCA CABOTO (NOW INTESA SANPAOLO)

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## ● **EDUCATION AND TRAINING**

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1988 – 1995 – Milan, Italy

**PHYSICS LAUREA (MASTER)** – Università degli Studi di Milano

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110/110 cum laude

Superconducting magnets simulation at INFN Milan and CERN Geneva

## ● **LANGUAGE SKILLS**

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Mother tongue(s): **ITALIAN**

Other language(s):

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	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C2	C2	C2	C2	C2

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*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## ● **COMMUNICATION AND INTERPERSONAL SKILLS**

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### Communication and interpersonal skills

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Excellent communication skills, appreciated lecturer, teacher, and instructor.  
Author of scientific papers, editorials, and invited opinions.

## ● **JOB-RELATED SKILLS**

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### Job-related skills

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Bitcoin, blockchain, virtual currencies. Cryptography.  
Derivatives: modelling, trading, risk management, clearing, and collateralization.  
Programming and development tools: Python, C++ (STL/Boost), Excel/VBA, Unit Test, git, etc.