

## PERSONAL INFORMATION

## Ferdinando Maria Ametrano



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Sex Male | Date of birth 10 Jul 1970 | Nationality Italian

## WORK EXPERIENCE

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- Oct 2019–Present **Chief Executive Officer**  
CheckSig SRL, Milan (Italy)  
Bitcoin custody services
- Oct 2019–Present **Adjunct Professor "Bitcoin & Blockchain Technology"**  
Università degli Studi di Milano, Milano (Italy)  
Master Program in Mathematics
- Sep 2018–Present **Executive Director**  
Digital Gold Institute, Milan (Italy)  
R&D center of excellence about scarcity in the digital domain (Bitcoin and crypto assets) and the underlying blockchain technology
- Oct 2016–Present **Adjunct Professor "Bitcoin & Blockchain Technology"**  
Milano Bicocca University, Milan (Italy)  
Master Program in Economics & Finance
- Oct 2013–Present **Adjunct Professor "Interest-Rate Derivatives"**  
Milano Bicocca University, Milan (Italy)  
Master Program in Economics & Finance
- Oct 2016–Sep 2019 **"Bitcoin & Blockchain Technology"**  
Politecnico di Milano, Milan (Italy)  
Master Program in Mathematical Engineering
- Jul 2016–Jan 2018 **Cash digitization projects**  
Banca IMI (Intesa Sanpaolo Group), Milan (Italy)
- Jan 2016–Jun 2016 **Head of Blockchain and Virtual Currencies**  
Intesa Sanpaolo Group – Chief Innovation Office
- Nov 2007–Dec 2015 **Head of Rate Curves and Clearing Tools**  
Banca IMI (Intesa Sanpaolo Group)

- Jan 2006–Oct 2007 **Head of Front Office Quantitative R&D**  
Banca Caboto (now Intesa Sanpaolo)
- Jan 2004–Dec 2005 **Head of Asset Allocation Special Projects**  
Monte Paschi Asset Management SGR
- Feb 2002–Dec 2003 **Risk Management Officer**  
Monte Paschi Asset Management SGR
- May 2000–Jan 2002 **Co-founder, Managing Partner**  
RiskMap (now StatPro Italia)
- Jun 1999–May 2000 **Interest Rate Trader**  
Banca Caboto (now Intesa Sanpaolo)
- Nov 1996–May 1999 **Front Office Quantitative Analyst**  
Banca Caboto (now Intesa Sanpaolo)

EDUCATION AND TRAINING

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- 1988–1995 **Physics Laurea (Master)**  
Università degli Studi di Milano, Milan (Italy)  
110/110 cum laude
- Jan 1995–Nov 1995 **Fellowship**  
Ansaldo Energie, Milan (Italy)  
Superconducting magnets simulation at INFN Milan and CERN Geneva

PERSONAL SKILLS

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Mother tongue(s) Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
[Common European Framework of Reference for Languages - Self-assessment grid](#)

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

**Job-related skills** 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.

Digital skills

SELF-ASSESSMENT

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Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid