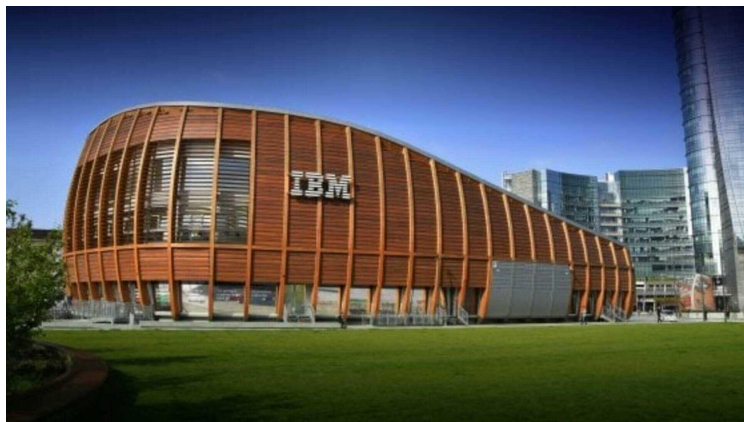


Seminar

Dipartimento di Informatica



Dr Mario Onorato

Head of Enterprise Risk Management
IBM Italia S.p.A.

BIO

Mario is Associate Partner and responsible for the IBM Consulting Offering of Risk, Compliance, Quantum and Security Solution. Mario is also the Enterprise Risk Management Practice Leader of Promontory a Division of IBM Consulting. Mario has been Practice Leader of Balance Sheet and Capital Management Solutions at Algorithmics, an IBM Company. In this role, Mario was responsible for the development of Asset & Liability Management, Liquidity Risk, Market Risk, Credit Risk, Economic and Regulatory Capital solutions for commercial and investment banks worldwide. During his career Mario has also held a number of academic positions in The Netherlands, Italy and in the UK where he was Honorary Professor of the Risk Management Practice at Bayes Business School, City University, London. He is author of several books and research papers on various risk management topics in the areas of credit, market, liquidity risk and risk adjusted performance. Mario holds a PhD in Finance from Bayes Business School, UK.

VENUE

Sala Verde, Ca' Vignal - Piramide
Dipartimento di Informatica
Strada Le Grazie, 15 - Verona

LIVE STREAMING

Zoom Meeting
ID: 953 4208 1925
Passcode: 624304

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TITLE

Elevating Risk Management and Compliance Practice in FS Industry Through Quantum Computing

ABSTRACT

High Performance Computing (HPC) already provides cutting-edge solutions in terms of processing power today. In many business areas, the achieved results are already considered optimal. The applications of quantum computing that can lead to significant improvements and cannot be achieved by HPC computing will essentially be categorized into four areas: *stochastic simulation*, *optimization*, *machine learning*, and *security*. These four areas lead to hundreds of potentially disruptive business use cases in some core business areas. Identifying these disruptive core business use cases is one of the key success factors. It's not just about understanding the technology, but also about intercepting the processes where the application of quantum computing will be a game changer once it becomes available, so that we can be prepared. In the target architecture, quantum computers will not completely replace traditional computers; instead, they will work synergistically with them. The 'quantum advantage' is indeed the moment when a quantum machine outperforms the most powerful classical computer in a practical and relevant task. The 'Quantum Advantage Enterprise' represents a potentially disruptive advantage in CORE areas, which could necessitate significant business restructuring for those without it.

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