

# Nico AbbateMarco

Lecturer



**Knowledge Group:** Leadership, Human Resources and Digital Technologies

**Research Domains:** Digital Transformation

**Teaching Domains:** High Impact Technologies, Technology Scouting, IT

Transformation, Digital Innovation, Cyber Risk Governance

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## Proceedings/Presentations

### **Cybersecurity for Essential Services: Towards a Value-Based Approach**

NASI, G., M. CUCCINIELLO, R. CHRISTENSEN, N. ABBATEMARCO, B. J. BURSTON, "Cybersecurity for Essential Services: Towards a Value-Based Approach" in Proceedings of the 59th Hawaii International Conference on System Sciences, January, 6-9, 2026, Maui, Hawaii

### **The Good, the Bad, and the Ugly: Analyzing the Impact of Blockchain Technology on Traceability for SMEs**

DE ROSSI, L., N. ABBATEMARCO, "The Good, the Bad, and the Ugly: Analyzing the Impact of Blockchain Technology on Traceability for SMEs" in The 58th Hawaii International Conference on System Sciences (HICSS) - January 6-12, 2025, Waikoloa Village, Hawaii, United States of America

### **A Metaverse Typology: Exploring the Role of Immersivity and Centralization in Driving Value Creation**

SALVIOTTI, G., L. DE ROSSI, N. ABBATEMARCO, L. DIAFERIA, "A Metaverse Typology: Exploring the Role of Immersivity and Centralization in Driving Value Creation" in Proceedings of the 57th Annual Hawaii International Conference on System Sciences, January 3-6, 2024, Honolulu, Hawaii, United States of America

### **Understanding Leadership Competencies in Cyber Crisis Management: Insights from the Maersk Global Supply Chain Meltdown**

ABBATEMARCO, N., G. SALVIOTTI, C. D'IGNAZIO, L. DE ROSSI, "Understanding Leadership Competencies in Cyber Crisis Management: Insights from the Maersk Global Supply Chain Meltdown" in Proceedings of the 57th Annual Hawaii International Conference on System Sciences, January 3-6, 2024, Honolulu, Hawaii, United States of America

### **Cyber Capabilities as Dynamic Capabilities: Meeting the Demands of the Ever-Evolving Cybersecurity Environment**

ABBATEMARCO, N., "Cyber Capabilities as Dynamic Capabilities: Meeting the Demands of the Ever-Evolving Cybersecurity Environment" in Proceedings of the 57th Annual Hawaii International Conference on System Sciences, January 3-6, 2024, Honolulu, Hawaii, United States of America

### **The impact of network expansion, developer's activity and seasonality on the adoption of cryptocurrencies**

DE ROSSI, L., N. ABBATEMARCO, "The impact of network expansion, developer's activity and seasonality on the adoption of cryptocurrencies" in ITAIS2024: XXI Conference of the Italian Chapter of AIS - Growing in a Digital and Sustainable Society – October 10-12, 2024, Piacenza, Italy

### **Will Lightning Network Solve Bitcoin's Issues? Preliminary Evidence on the Impact of Layer2 Solutions on Cryptocurrencies' Adoption in Micro Enterprises**

ABBATEMARCO, N., L. DE ROSSI, "Will Lightning Network Solve Bitcoin's Issues? Preliminary Evidence on the Impact of Layer2 Solutions on Cryptocurrencies' Adoption in Micro Enterprises" in ITAIS2024: XXI Conference of the Italian Chapter of AIS - Growing in a Digital and Sustainable Society – October 10-12, 2024, Piacenza, Italy

### **Understanding the Role of Leadership Competencies in Cyber Crisis Management: A Case Study**

SALVIOTTI, G., N. ABBATEMARCO, L. DE ROSSI, K. BJØRNLAND, "Understanding the Role of Leadership Competencies in Cyber Crisis Management: A Case Study" in Proceedings of the 56th Annual Hawaii International Conference on System Sciences, January 3-6, 2023, Maui, Hawaii, United States of America

### **Stuck in Pilot Purgatory: Understanding and Addressing the Current Challenges of Industrial IoT in Manufacturing**

ABBATEMARCO, N., A. GAUR, S. MEREGLI, "Stuck in Pilot Purgatory: Understanding and Addressing the Current Challenges of Industrial IoT in Manufacturing" in Proceedings of the 55th Annual Hawaii International Conference on System Sciences, January 3-7, 2022, (online)

### **Beyond a Blockchain Paradox: How Intermediaries Can Leverage a Disintermediation Technology**

ABBATEMARCO, N., L. DE ROSSI, A. GAUR, G. SALVIOTTI, "Beyond a Blockchain Paradox: How Intermediaries Can Leverage a Disintermediation Technology" in Proceedings of the 53rd Hawaii International Conference on System Sciences, January 7-10, 2020, Maui, Hawaii, United States of America

### **Towards a Comprehensive Blockchain Architecture Continuum.**

SALVIOTTI, G., N. ABBATEMARCO, L. DE ROSSI, "Towards a Comprehensive Blockchain Architecture Continuum." in Proceedings of the 52nd Hawaii International Conference on System Sciences, 2019, Grand Wailea, Maui, United States of America

### **A Structured Framework to Assess the Business Application Landscape of Blockchain Technologies**

SALVIOTTI, G., L. DE ROSSI, N. ABBATEMARCO, "A Structured Framework to Assess the Business Application Landscape of Blockchain Technologies" in The 51st Hawaii International Conference on System Sciences - January 2-6, 2018, Waikoloa Village, Hawaii, United States of America

### **An econometric model to estimate the value of a cryptocurrency network: the Bitcoin case.**

SALVIOTTI, G., L. DE ROSSI, N. ABBATEMARCO, "An econometric model to estimate the value of a cryptocurrency network: the Bitcoin case." in Proceedings of 26th European Conference on Information Systems, 2018, Portsmouth, Great Britain

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## Other

### **For a digital euro that citizens will embrace - Per un euro digitale che piaccia ai cittadini**

CASELLI, S., G. GABBI, L. DE ROSSI, N. ABBATEMARCO, M. RUSSO, S. MORETTI, "For a digital euro that citizens will embrace - Per un euro digitale che piaccia ai cittadini", SDA Bocconi Insight, 1 October 2025

### **The technologies we're not talking about - Le tecnologie di cui non stiamo parlando**

ABBATEMARCO, N., "The technologies we're not talking about - Le tecnologie di cui non stiamo parlando", SDA Bocconi Insight, 22 December 2025

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## Contribution to Chapters, Books or Research Monographs

### **The Impact of Network Expansion, Developer's Activity and Seasonality on the Adoption of Cryptocurrencies**

DE ROSSI, L., N. ABBATEMARCO, "The Impact of Network Expansion, Developer's Activity and Seasonality on the Adoption of Cryptocurrencies" in Technologies for Organizations and Society., Michele Cipriano, Alessandra Lazazzara, Leonardo Caporarello (Eds.), Springer Cham, pp. 329-345, 2025

### **A Tool for the Boardroom: The Devo Lab Hit Radar**

ABBATEMARCO, N., "A Tool for the Boardroom: The Devo Lab Hit Radar" in The Post-Digital Enterprise., Gianluigi Castelli, Severino Meregalli, Ferdinando Pennarola (Eds.), Springer International Publishing, chap. 6, pp. 89-111, 2022

### **Digital Infrastructure & Internet of Things**

ABBATEMARCO, N., "Digital Infrastructure & Internet of Things" in HIT Radar – General Report - Third Edition., Salviotti G., Meregalli S. (Eds.), Egea, pp. 55-79, 2019

### **Human Augmentation & Internet of Things**

ABBATEMARCO, N., "Human Augmentation & Internet of Things" in HIT Radar – General Report - Second Edition., Salviotti G., Meregalli S. (Eds.), Egea, pp. 43-60, 2018

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## Articles in Scholarly Journals

### **Identifying and Filling Gaps in Operational Technology Cybersecurity**

ABBATEMARCO, N., H. C. BRECHBUHL, "Identifying and Filling Gaps in Operational Technology Cybersecurity", MIS Quarterly Executive, 2024, vol. 23, no. 4, pp. 413-428

### **Blockchain technology in healthcare: Do we really need it?**

BISSACCO, D., F. M. CARRANO, L. DE ROSSI, N. ABBATEMARCO, N. DI LORENZO, R. CASANA, P. SILERI, "Blockchain technology in healthcare: Do we really need it?", Health Policy and Technology, 2023, vol. 12, no. 1, pp. 100716

### **Cybersecurity e aziende: se il virus peggiore è la mentalità - Cybersecurity and organizations: When the worst virus is the mindset**

ABBATEMARCO, N., "Cybersecurity e aziende: se il virus peggiore è la mentalità - Cybersecurity and organizations: When the worst virus is the mindset", Economia & Management, 2023, no. 3, pp. 61-65

### **La sfida nascosta della trasformazione digitale - The Hidden Challenge of Digital Transformation**

BRECHBUHL, H. C., N. ABBATEMARCO, "La sfida nascosta della trasformazione digitale - The Hidden Challenge of Digital Transformation", Economia & Management, 2020, no. 2, pp. 54-59

### **5G: infrastruttura in cerca d'autore - 5G: an infrastructure seeking for an author**

ABBATEMARCO, N., G. SALVIOTTI, "5G: infrastruttura in cerca d'autore - 5G: an infrastructure seeking for an author", Economia & Management, 2019, no. 4, pp. 65-71

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## **Research Reports**

### **Hyper Performing Computing**

DE ROSSI, L., N. ABBATEMARCO, S. MEREGALLI, G. V. CASTELLI - "Hyper Performing Computing" - 2020, DEVO Lab - SDA Bocconi School of Management, Milan, Italy

### **HIT Radar Application Focus: Industrial Operations**

SALVIOTTI, G., L. DE ROSSI, N. ABBATEMARCO - "HIT Radar Application Focus: Industrial Operations" - 2019, Economia & Management Plus, Milano, Italy

### **HIT Radar Application Focus: Legal & Security**

SALVIOTTI, G., S. CAVALLAZZI, N. ABBATEMARCO - "HIT Radar Application Focus: Legal & Security" - 2019, Economia & Management Plus, Milano, Italy

### **HIT Radar Application Focus: Back Office**

SALVIOTTI, G., S. CAVALLAZZI, N. ABBATEMARCO - "HIT Radar Application Focus: Back Office" - 2019, Economia & Management Plus, Milano, Italy

### **HIT Radar Application Focus: HR**

SALVIOTTI, G., N. ABBATEMARCO - "HIT Radar Application Focus: HR" - 2019, Economia & Management Plus, Milano, Italy

### **Exploiting Blockchain**

## Cases in International Case Collections

### **Vibram: Customer Centricity at the Core of Digital Transformation and New Business Model**

MANDELLI, A., G. SALVIOTTI, C. PIANCATELLI, N. ABBATEMARCO - "Vibram: Customer Centricity at the Core of Digital Transformation and New Business Model" - 2020, The Case Centre, Great Britain

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## Practice-Oriented Books

### **The Blockchain Journey. A guide to practical business applications.**

SALVIOTTI, G., L. DE ROSSI, N. ABBATEMARCO - "The Blockchain Journey. A guide to practical business applications." - 2018, Bocconi University Press - BUP, Milano, Italy