

# Gianluigi Vittorio Castelli

Associate Professor of Practice



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

**Research Domains:** IT Management

**Teaching Domains:** IT Strategy, IT Governance, IT Transformation, Digital Innovation, Technology Scouting

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## Biography

Gianluigi Castelli is an Associate Professor of Practice of Information Systems at SDA Bocconi School of Management.

At SDA Bocconi, he is the Director of the DEVO Lab (Digital Enterprise Value and Organization Laboratory). He has led large technology research projects (software) within the framework of EC funded programs (OMI). He has led work groups drafting the ICT strategic guidelines for major European Institutions.

His research activities focus on information systems, ICT transformation, digital transformation and information technology and the management of complex organizations .

He is the author of two books on programming and the author of more than 30 papers on software development methodologies, programming languages, compilers and operating system design and digital transformation. He has been CIO for large multinational companies in Italy and abroad (Infostrada, Fiat, Vodafone, Eni and Ferrovie dello Stato Italiane). He has received the following awards: European Commission Information Technology European Award ITEA'95 (1995); EUCIP Best Italian CIO (2009); Oracle Excellence Award – CIO of the Year EMEA (2013).Currently he is Chairman of the Board of Ferrovie dello Stato Italiane and Chairman of the Union Internationale des Chemins de Fer (UIC).

In April 2020 he was appointed, by decree, expert to support the creation of the National Strategic Pole (NSP) by the Minister for Technological Innovation and Digitization.

Gianluigi earned a degree in Physics, with a specialization in Cybernetics from the Università degli Studi di Milano. His hobbies include collecting classic cars and motorcycles and sailing.

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## Articles in national/international newspapers

### La nuova consapevolezza per aziende e cittadini dell'era post digitale

CASTELLI, G. V., "La nuova consapevolezza per aziende e cittadini dell'era post digitale", Il Sole 24 Ore, 12 March 2023

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## Articles in Scholarly Journals

### Guardare con attenzione attraverso lo specchio digitale

CASTELLI, G. V., S. MEREGALLI, "Guardare con attenzione attraverso lo specchio digitale", Economia & Management, 2023, no. 3, pp. 58-60

### Sui binari corre la crescita italiana - Italy's Growth Runs on Rails

CASTELLI, G. V., M. GENTILE, V. PIERI, "Sui binari corre la crescita italiana - Italy's Growth Runs on Rails", Economia & Management, 2019, no. 4, pp. 32-35

### Disruptive as usual. Un manifesto per la digital transformation

CASTELLI, G. V., S. MEREGALLI, "Disruptive as usual. Un manifesto per la digital transformation", Economia & Management, 2016, no. 3, pp. 34-38

### EOS: a real-time operating system adapts to application architectures

CASTELLI, G. V., G. RAGAZZINI, "EOS: a real-time operating system adapts to application architectures", IEEE Micro, 1995, vol. 15, no. 5, pp. 41-49

### Software Development Environments for Massively Parallel Systems

CASTELLI, G. V., "Software Development Environments for Massively Parallel Systems", Future Generation Computer Systems, 1994, vol. 10, no. 2-3, pp. 249-256

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## Edited Books

### The Post-digital Enterprise: Going Beyond the Hype

CASTELLI, G. V., S. MEREGALLI, F. PENNAROLA (Eds.), "The Post-digital Enterprise: Going Beyond the Hype" - 2022, Springer International Publishing

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## Contribution to Chapters, Books or Research Monographs

### Disruptive as Usual: A Manifesto for the Digital Age

CASTELLI, G. V., "Disruptive as Usual: A Manifesto for the Digital Age" in The Post-Digital Enterprise., Gianluigi Castelli, Severino Meregalli, Ferdinando Pennarola (Eds.), Springer International Publishing, chap. 2, pp. 17-31, 2022

### **Introduction to the Hit Radar**

MEREGALLI, S., G. V. CASTELLI, "Introduction to the Hit Radar" in High Impact Technologies Radar, General Report, 3rd Edition., Salviotti, G., Meregalli, S. (Eds.), Egea, pp. 5-8, 2019

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## **Research Reports**

### **High Impact Technologies, 7th General Report**

CASTELLI, G. V., S. MEREGALLI - "High Impact Technologies, 7th General Report" - 2020, DEVO Lab - SDA Bocconi School of Management, Milan, Italy

### **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

### **The Edge Organization**

DE ROSSI, L., A. GAUR, S. MEREGALLI, G. V. CASTELLI - "The Edge Organization" - 2020, DEVO Lab - SDA Bocconi School of Management, Milan, Italy

### **Artificial Intelligence for Enterprises, Capabilities, Market Overview, Business Applications and Organizational Impacts**

CASTELLI, G. V., S. MEREGALLI - "Artificial Intelligence for Enterprises, Capabilities, Market Overview, Business Applications and Organizational Impacts" - 2019, DEVO Lab - SDA Bocconi School of Management, Milan, Italy

### **High Impact Technologies, 5th General Report**

CASTELLI, G. V., S. MEREGALLI - "High Impact Technologies, 5th General Report" - 2019, DEVO Lab - SDA Bocconi School of Management, Milan, Italy

### **High Impact Technologies, 4th General Report**

CASTELLI, G. V., S. MEREGALLI - "High Impact Technologies, 4th General Report" - 2018, DEVO Lab - SDA Bocconi School of Management, Milan, Italy

### **High Impact Technologies, 3th General Report**

CASTELLI, G. V., S. MEREGALLI - "High Impact Technologies, 3th General Report" - 2017, DEVO Lab - SDA Bocconi School of Management, Milan, Italy

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## **Other in Journals**

## **Guest Editor's Introduction: The Seemingly Unlimited Market for Microcontroller-Based Embedded Systems**

CASTELLI, G. V., "Guest Editor's Introduction: The Seemingly Unlimited Market for Microcontroller-Based Embedded Systems", IEEE Micro, 1995, vol. 15, no. 5, pp. 6-8

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## **Research Monographs**

### **Un Programma in Pascal**

CASTELLI, G. V., F. DE CINDIO, C. SIMONE - "Un Programma in Pascal" - 1985, Zanichelli, Bologna

### **MS-DOS per esempi**

CASTELLI, G. V., G. GAZZANO - "MS-DOS per esempi" - 1985, Supernova Edizioni, Venezia, Italy