



**TITLE OF THE PANEL:** Triple helix cooperation as opportunity for innovative digitalization in Industry 4.0 for manufacturing: the case of SBDIO I4.0 in the Emilia-Romagna Region

**PROPONENT:** Interdepartmental Center for Industrial Research in ICT – CIRI ICT



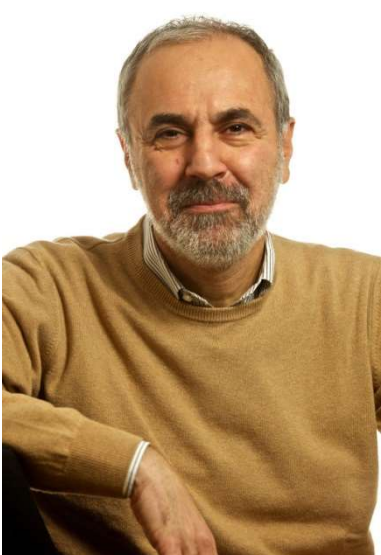
**CHAIR:** Prof. Luca Foschini

**MAIN TOPIC/SCOPE:** SBDIO I4.0 is an industrial research project which aims to sustain local industries in their digitalization process, fostering transitions from a product economy to a services economy. The panel aims to be an opportunity for discussion and presentation of some of the best practices put in place to drive the development of synergies for the creation of an integrated ecosystem to support economic and industrial growth. The panel will include the different perspectives from some of the most important public and private bodies active in the field of innovation technology, research, and manufacturing in the Emilia-Romagna area toward a successful triple helix implementation.

**PANELISTS (NAME, SURNAME, AFFILIATION):**

- **Ing. Claudio Bergamini** CEO Imola Informatica and Vice-President Clust-ER Innovate
- **Prof. Sergio Bertolucci** Alma Mater Studiorum Bologna and President of BI-REX Steering Committee
- **Prof. Massimo Carnevali** Cluster manager of Clust-ER Innovate
- **Prof. Antonio Corradi** Alma Mater Studiorum Bologna and Chairman Clust-ER Innovate
- **Prof. Luca Foschini** Alma Mater Studiorum Bologna, Researcher of the Interdepartmental Center for Industrial Research ICT Research – CIRI ICT
- **Prof. Paola Salomoni** Emilia Romagna Councilor for school, university, research, digital agenda

**SHORT BIO AND PASSPORT-PHOTO OF CHAIR AND PANELISTS:**

	<p><b>Ing. Claudio Bergamini, CEO Imola Informatica and Vice-President CLUST-ER INS</b></p> <p>Claudio Bergamini is an entrepreneur and manager with 30+ year experiences in program and project management, IT strategy and governance, enterprise architecture, gained in particular in the financial sector (banking and insurance companies), focused on large IT transformation initiatives (technological and organizational).</p>
	<p><b>Prof. Sergio Bertolucci, Alma Mater Studiorum – University of Bologna and President of BI-REX Steering Committee</b></p> <p>Sergio Bertolucci is a scientist working in the field of experimental particle physics. During his 40+ year career he has also been extensively involved in the management of large research organizations, like the Italian Institute for Nuclear Physics (INFN), where he served as Vice-President, and CERN, where he was Director of Research and Scientific Computing from 2009 to 2015. Besides his research activity, he has been always seeking ways to connect Open Science to Open Innovation, promoting several national and international initiatives, which are currently underway with a solid present and a promising future.</p>
	<p><b>Prof. Massimo Carnevali, Cluster Manager of Clust-ER Innovate</b></p> <p>Massimo Carnevali is an ICT Manager with more than 35 years of experience in the IT world, gained mainly within IBM where he worked for 22 years, always in technical positions. After IBM, he worked for 7 years as ICT manager at Bologna Municipality where he started his interest also in the digital communication world. Then, he decided to widen his view of the digital world working (for 3 years) as Manager of IT, Organization, and Communication at Fondazione Edmund Mach (agrifood research center). In the last years, he became a freelance senior ICT consultant working mainly as Cluster Manager of Innovate Clust-ER and teaching Cybersecurity at University of Ferrara and "Design of digital services" at University of Bologna.</p>



**Prof. Antonio Corradi, Alma Mater Studiorum – University of Bologna and President of CLUST-ER INS**

Antonio Corradi is full professor of computer engineering at the University of Bologna since 2000, in the areas of Distributed Systems and Computer Networks. His research interests span from distributed and parallel systems to middleware for pervasive and heterogeneous computing, from cloud solutions and standards to mobile systems and social applications for smart cities, and from industry 4.0 support systems and protocol to smart city monitoring and crowdsourcing, from novel communication standards to system monitoring and management. In these areas, he has always taught and still teaches in basic and advanced courses in all areas related to computer infrastructures and support. Antonio has typically given classes for IT professional but also for non-expert people to build a solid view of computing infrastructures (other engineering areas and also students with no technical background). He is Director of the Department of Computer Science and Engineering and Academic Senator. In the last decades, he also moved his research into service integration and technology transfer in the area of innovation, as well as Industry 4.0: he is the chair of the HTN ICT and also the president of the CLUST-ER 'Innovation in Services', starting in 2017 for the support to the new S3 for RER.



**Prof. Luca Foschini, Alma Mater Studiorum – University of Bologna, Researcher of the Interdepartmental Center for Industrial Research ICT Research – CIRI ICT**

Luca Foschini is an Associate Professor of Distributed and Mobile Systems at the Computer Science and Engineering Dept. (DISI) of the University of Bologna. His research interests span from middleware for mobile computing in general to adaptive multimedia, from context-aware service composition to federated cloud computing resource management, from industry 4.0 support systems to mobile crowdsensing and scalable online stream processing for smart cities. He is responsible for the Internationalization of Computer Science and Engineering Department of the University of Bologna. He is active in technology transfer in the area of innovation and Industry 4.0 and he is the Principal Investigator of the POR FESR RER project In and Out Big Data Services for Industry 4.0: from shop floor to after sale (SBDIO I4.0).



**Prof. Paola Salomoni, Emilia-Romagna Councilor for school, university, research, and digital agenda**

Born in Bologna in 1966, she is a wife and a mother.

She graduated in Information Science at the University of Bologna in 1992 magna cum laude and worked as a sub teacher in two Commercial Technical Institutes during her studies.

In 1995 she moved to Cesena and became researcher in Computer Science and Engineering at the Alma Mater Studiorum Cesena Campus, where she became associate Professor in 2001, and later full Professor. Her researches focus on multimedia systems, technologies for education, human-machine interaction and accessibility of technologies.

With more than 20 years of experience in the field of informatics for education, Paola organized many learning activities for teachers and contributed to relevant projects as the ForTIC plan.

She authored over 170 scientific publications, more than 40 of which on international journals. She also managed several research projects at a national, European, and international level, involving institutions as the UCLA, the University of Toronto, the Italian House of Representatives and the Government of the region Emilia-Romagna.

She served as Vice Rector for Technologies at the University of Bologna from 2015 until early 2020, when she was appointed Regional Minister for Education, University, Research and Digital Agenda of the Emilia-Romagna Region.