



PhD in INGEGNERIA GESTIONALE / MANAGEMENT ENGINEERING - 39th cycle

**THEMATIC Research Field: BLOCKCHAIN AND WEB3: THE IMPACT ON ORGANISATIONS'
BUSINESS MODELS AND OPERATIONS**

Monthly net income of PhDscholarship (max 36 months)

€ 2200.0

In case of a change of the welfare rates during the three-year period, the amount could be modified.

Context of the research activity

Motivation and objectives of the research in this field

In recent years, the emergence of Web3 and decentralized technologies have garnered significant attention, capturing the interest of both practitioners and academics. However, despite their growing popularity, there remains a substantial lack of comprehensive scientific research and a limited understanding of the potential that these technologies hold in various industries. The aim of this research is to understand how Web3 and decentralized technologies can revolutionize organizations' business models and operations.

Methods and techniques that will be developed and used to carry out the research

The following methodologies will be applied in the research project:

- Case studies, in order to analyse the best practices and identify their critical success factors;
- Analytical models, in order to quantify the costs and the benefits of different solutions;
- Surveys, in order to monitor the adoption of this technologies by Italian and/or international companies.

Educational objectives

The main educational objectives of the research project are the following:

- Developing the ability to design both qualitative and quantitative models through which supporting the adoption of Blockchain and Web3 technologies by companies and public administrations;
- Developing the ability to support companies in adopting



	Blockchain technologies, according to their characteristics and objectives, and to identify their impact on their business models; - Developing a comprehensive understanding of different approaches, methodologies, and best practices for developing successful Blockchain projects
Job opportunities	The opportunities for a PhD graduate in this research area are: - Academic career in the field of digital innovation; - Advisory for organizations that aim to understand how to implement Blockchain and Web3; - Career as a Blockchain Project Manager.
Composition of the research group	2 Full Professors 2 Associated Professors 1 Assistant Professors 3 PhD Students
Name of the research directors	Luca Gastaldi

Contacts
luca.gastaldi@polimi.it

Additional support - Financial aid per PhD student per year (gross amount)	
Housing - Foreign Students	--
Housing - Out-of-town residents (more than 80Km out of Milano)	--

Scholarship Increase for a period abroad	
Amount monthly	1100.0 €
By number of months	6

Additional information: educational activity, teaching assistantship, computer availability, desk availability, any other information
There are various forms of financial aid for activities of support to the teaching practice. The PhD student is encouraged to take part in these activities, within the limits allowed by the regulations. Computer and desk availability of individual use.