



Prof. Dr. Zoubeir LAFHAJ is a Full Professor at Centrale Lille, France. He is also the former Dean of International Affairs, a member of the Centrale Lille Management Committee (2008-2015) and recently elected member of the Centrale Lille Institute Board of Directors (November 2019).

Prof. Dr. Zoubeir LAFHAJ is a researcher at the Lam³ research centre (UMR CNRS n°9013) and holder of the "**Construction 4.0**" chair, an **industrial research chair** that deals with the challenges of **modernising the construction industry in France and Europe**. Prof. Dr. Zoubeir LAFHAJ's industrial research expertise focuses on (i) additive manufacturing (3D printing) for construction, industrialization and robotization of construction, (ii) applications of AI, *blockchain* and BIM in construction and finally (iii) value, productivity, quality, lean construction, logistics, and collaboration with all stakeholders in the construction industry. He is working internationally to make the CC4.0 Chair a **European Construction 4.0 Hub** involved in a strong international network with the most advanced experts in the world.

He has recently published five scientific books in French on "**the lean construction revolution**", "**blockchain in construction**", "**women in construction**", "**logistics in construction**" and "**the vision of the city and the construction site in 2049**". He has written more than 150 scientific papers, supervised 31 PhD theses and 15 postdoctoral researchers. He is a member of the editorial board of several A-ranked scientific journals and an elected member of the board of the *International Association for Automation and Robotics in Construction* (IAARC).

Pr. Dr. Zoubeir LAFHAJ is the founder and President of **the French Institute of Lean Construction - IFCL**, an association under the law of 1901 created in May 2021, which aims to develop the practice of the lean approach in the construction sector in France by federating a community of involved actors.



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