



Pr. Dr. Zoubair LAFHAJ is **Full Professor** with a PhD in Civil Engineering at Centrale Lille, France. He is as well the former Dean of International Affairs and member of the School's Direction Committee.

He is as well the **Chair Holder in "Construction 4.0"**, a research Chair oriented to industry dealing with the challenges of the construction industry. Researcher at Lille Lamcube CNRS research centre, his expertise concerns additive manufacturing (3D printing) for construction, smart material science, the human / machine interface connection, the construction site organization via 3D printing robotics as well as scientific concepts of Lean Construction to organize and improve productivity, performance and working conditions.

Prof LAFHAJ has recently **published a scientific book** on the subject and more than **200 scientific papers** in international journals or conferences. He has supervised **26 doctoral theses** and **10 post-doctoral fellowships**. He works internationally to become a **European Hub Construction 4.0** with strong international network with the more advanced experts in the world.

Within Centrale Lille, he was the **Dean of International Relations** for 8 years until 2015, designing **international strategy** and supervised 80 double degrees in the world. As full Professor, Prof LAFHAJ teaches courses in Engineering and Master Programs. He is **Head of Educational Training ACE (Planning, Construction and Environment)**, which enables students to acquire and develop professional skills in the areas of Planning, Civil Engineering and Environment. In 2018, he is the designer of a **New Master "Energy Efficiency 4.0 in Construction"** with the support of the European Institute of Technology.