INAUGURAL LECTURE at DTU

Jon Spangenberg
Digital Fabrication in Construction

Friday
April 25 th 2025
3 pm – 4 pm

Building 101, Room M1
Anker Engelunds Vej
2800 Kongens Lyngby

Jon Spangenberg – Professor of Digital Fabrication in Construction

Digital fabrication in construction represents a transformative frontier in the architecture, engineering, and construction (AEC) industries. It offers unparalleled opportunities for efficiency, precision, and sustainability, fundamentally redefining how we conceive, design, and erect structures.

My vision is to develop and apply cutting-edge digital technologies, such as numerical process models, 3D printing, robotics, and artificial intelligence, into existing and new construction processes. By pushing the boundaries of digital fabrication, pressing global challenges can be addressed, including housing shortages, environmental sustainability, attrition of construction workers, and the need for resilient structures and infrastructure. In this lecture, I will share my research group's previous, present and future research findings and ideas.

Degrees and positions:

2024	Professor at DTU Construct
2023	Head of Section for Digital Building Technologies at DTU Construct
2016 – 2024	Associate Professor DTU Construct
2014 – 2016	Assistant Professor DTU MEK
2013 – 2014	Postdoc at Princeton University
2012 – 2013	Postdoc at DTU MEK
2012	PhD in Mechanical Engineering
2009	MSc in Civil Engineering

Looking forward to seeing you!