

3<sup>rd</sup> Euro Congress on

# STEEL AND STRUCTURAL ENGINEERING

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## The struggles and unknowns of virtual design & construction

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This industry talk focuses on technology in the building industry. This talk breaks down why so many people have the wrong perception around Virtual Design & Construction (VDC) and how it is being utilized in more ways and places than anyone realizes. Some of this technology ranges from reality capturing, laser scanning, and 3D modelling coordination. The AEC industry as a whole is often critical of “bad” BIM, but that interpretation is usually the fault of the nature of the business rather than the technology itself. To fix this bad connotation, we must understand the strengths and weaknesses of what the computer can do and playing to those strengths, while supplementing the weaknesses with other techniques.

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