



“Novel Properties: Speculations on Nanotechnology in Architecture”

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Given the excitement surrounding nanotechnology as a disruptive technology, it has been fascinating to witness its discreet integration into numerous environments and goods that have been invented over the past decade. Even though the construction sector has been rather slow to adopt and develop nanotech innovations, especially when compared with other design fields that are allied with architecture, nanotech is steadily infiltrating the built environment on two fronts: by optimizing and enhancing the performance of many existing technologies, and by offering a new class of material products that were not possible before nano-engineering.

This presentation will look at design applications for nanotechnology, both present and future, with a focus on product design and the built environment. Following a short review of nanotech products that are currently being deployed in the construction sector, Peter Yeadon will discuss how his practice and his students are pursuing new applications for nanotechnology, which attempt to address a variety of problems, such as energy and environmental degradation.