Robots and humans collaborate to revolutionize architecture

Two Princeton researchers, architect Stefana Parascho and engineer Sigrid Adriaenssens, dreamed of using robots to simplify construction, even when building complex forms. “We want to use robots to build beautiful architecture more sustainably,” said Adriaenssens, ...

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For undergraduates in the engineering school, summer often means a chance to apply their learning in new ways, whether conducting field research, working in industry or volunteering abroad. Last summer, with the COVID-19 pandemic disrupting many of these plans, some students’ research projects took them in unexpected directions.

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Abstract. Using newly constructed spatially disaggregated data for London from 1801 to 1921, we show that the invention of the steam railway led to the first l

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