

Deutsche Bank

Wealth Management

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Disruptive Technology – Evolution of the Built Environment

First in a series of events focused on disruptive

technology in big industry

Evolution of the built environment will cover real estate,

infrastructure, construction, architecture, advanced

materials, and emerging technology

SHoP Architects

Wednesday, November 15, 2017

4:00 p.m. – 7:00 p.m.

The Woolworth Building

233 Broadway, 11th Floor, New York 10007

Featured Companies

SHoP Architects, Envelope, CASE HeliOptix, Nantum

9 Dekalb Avenue, Brooklyn, NY

111 West 57th St. New York, NY

SHoP Architects was founded twenty years ago to harness the power of diverse expertise in the design of buildings and environments that improve the quality of public life

“Most Innovative Architecture Firm in the World” (Fast Company 2014)

“The Only Architecture Firm on the Top 50 at #33” (Fast Company 2014)

Barclays Center, Brooklyn, NY

UBER HQ, San Francisco, CA

American Copper Buildings, New York, NY

Google HQ, Mountain View, CA

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Evolution of the Built Environment – Featured Companies

<https://envelope.city/>

Unlock real estate development potential with Envelope's zoning analysis tool

– "In-house zoning expert on call"

– Make sense of the rules faster

– Confirm existing land use & zoning designations in seconds

– Run preliminary 3D scenarios in minutes

<http://www.case.rpi.edu/>

Next generation building technologies for a sustainable built environment

– Accelerated innovation of Built Ecologies

– Building systems harness local ecological energy

– Research collaboration co-hosted by Rensselaer Polytechnic

Institute and Skidmore, Owings & Merrill (SOM)

<http://www.helioptix.com/>

Building integrated energy saving and producing systems for commercial facilities

– Merge building aesthetics with next generation environmental technology

– Buildings designed to:

– Reduce energy consumption

– Promote energy production

– Reduce heating, cooling, and lighting loads

<http://www.prescriptivedata.io/>

Cloud-based, building OS to optimize energy consumption

– Machine-learning algorithms continuously improve building efficiency over time

– Integrates into any built space

– Increases tenant comfort and provides cost savings

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