



Civil, Environmental, &  
Architectural Engineering

UNIVERSITY OF COLORADO **BOULDER**

# From Dream to Reality: Emerging Technologies Now & When?

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5:30-6:30 p.m. Thursday, Nov. 19 | Benson Earth Sciences, Room 180  
Free and Open to All, with Reception to Follow

Technologies are being put to work in construction today that were in the “dream” stage just five or 10 years ago. In this talk, Tuchman will explore how fast new products and techniques like drones and 3D printing have become real-world tools—for good reasons—today. Then we will fast-forward to other technologies that might emerge in the next 10 years from nanotech materials to robots that can drill holes and install conduit overhead. Will artificial intelligences put engineers out of work or free them to be more creative?



*As editor-in-chief, Janice L. Tuchman leads the editorial team creating content for the Engineering News-Record enterprise—online, in print and at live events. She is active in many construction organizations and has developed a broad network of industry sources who help keep ENR on top of the latest trends and innovations. She has traveled the world to visit outstanding projects and speak to groups and universities.*

*Tuchman serves on the National Research Council's Board on Infrastructure and the Constructed Environment, the Industry Leaders Council of the American Society of Civil Engineers and the board of the nonprofit Bridges to Prosperity. She is a member of the National Academy of Construction, The Moles and the industry advisory committee of the Dept. of Civil Engineering at Columbia University. In 2014, she won the Beaver's "Service & Supply" Award for outstanding achievement in heavy engineering construction as well as the Carroll H. Dunn Award from the Construction Industry Institute for "outstanding contributions to improving the cost effectiveness of the United States construction industry."*

*She earned bachelor's and master's degrees in journalism from the University of Colorado Boulder.*

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