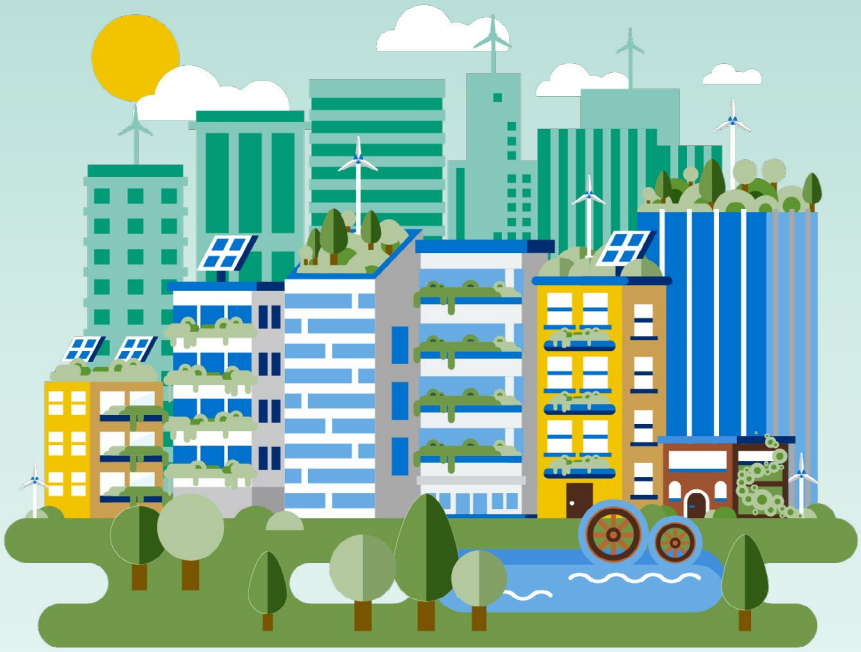

THE JOHNS HOPKINS UNIVERSITY
DEPARTMENT OF CIVIL AND SYSTEMS ENGINEERING
2024 RICHARD J. CARROLL MEMORIAL LECTURESHIP

DECARBONIZATION IN BUILDINGS AND INFRASTRUCTURE: ACCELERATING THE ENERGY TRANSITION AHEAD OF US

CRAIG SCHWITTER '89

SENIOR PARTNER AND CHAIR
OF THE GLOBAL BOARD,
BURO HAPPOLD

WEDNESDAY,
MARCH 27, 2024
5 TO 6 P.M.

HOMEWOOD CAMPUS,
HODSON HALL, ROOM 210

RSVP

https://forms.gle/fitqHGLLrugtVGyy7

Cocktail reception to follow (by RSVP only)

JOHNS HOPKINS
WHITING SCHOOL of ENGINEERING
Civil and Systems Engineering

CRAIG SCHWITTER
SENIOR PARTNER, CHAIR OF THE GLOBAL BOARD, BURO HAPPOLD

Craig Schwitter is the senior partner, chair of the global board of Buro Happold, and was the founder of its first North American office in New York City more than 20 years ago. Under his leadership, the practice has expanded to multiple cities throughout the U.S. and now employs more than 300 staff members regionally.

Craig is a champion of integrated engineering and using technology appropriately allowing his projects to be flexible, efficient, and engaging for users.

Focused on creating innovative structures for the built environment, Craig has led the successful delivery of many iconic projects that have transformed cities throughout the world, including New York City's High Line, a stretch of elevated rail line that was converted to a public park and has now become one of the most successful urban renewal projects in the city, as well as Harvard University's new Science and Engineering Complex outside Boston, MA which, when completed, will be among the most cutting-edge teaching and research facilities in the world.

Craig's portfolio of signature engineering projects spans across sectors—from cultural, higher education, and civic developments to transportation, stadia, and master planning initiatives.

Craig earned his bachelor's degree in Civil Engineering in 1989 from Johns Hopkins University and a master's degree from Massachusetts Institute of Technology. Recognized as a pioneering thought leader, Craig currently serves on the Lower Manhattan Cultural Council Board and frequently speaks at national industry conferences and events. He also lectures at colleges and universities throughout the country and has held previous teaching roles at Rensselaer Polytechnic Institute, Cornell University, and Columbia University's Graduate School of Architecture, Planning and Preservation.

DECARBONIZATION IN BUILDINGS AND INFRASTRUCTURE: ACCELERATING THE ENERGY TRANSITION AHEAD OF US

The destabilizing effects of climate change continue to mount and pressure cities, states, and nations to come to grips with how to transition large-scale economies for a low-carbon future. Buildings and infrastructure occupy a significant portion of the carbon economy through their day-to-day operation, as well as the embodied carbon inherent in new construction. While great strides are being made in decarbonization, the challenge gets larger the more we delay, forcing us to accelerate energy transition. What strategies are working in the built environment? What does a decarbonized building and city infrastructure look like? What are the opportunities ahead to tackle these challenges? Drawing from a portfolio of global building and infrastructure projects, Craig will look at key innovations that are happening today and where these might lead us as we continue to search for the solutions to this generational problem.

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