

January 31, 2025

Engineering Now:

Are We Ready?



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ABSTRACT: Faced with the perils of climate change, the challenges faced by engineers have never been greater. In this talk, I will discuss some elements of possible solutions how civil engineers can contribute to solving these burning issues, ranging from the resilience assessment of cities and neighborhoods to the storage of energy into concrete. I will argue that engineers are not only executioners for implementing technically viable solutions, but drivers of the urgently needed change toward the sustainable development of our societies at large.

Seminar Details

*Friday, January 31,
2025 2:30pm – 4:00pm*

*UH Campus
Classroom & Business
Building
Room CBB 108*

*Online via Zoom [https://
www.cive.uh.edu/
research/seminars](https://www.cive.uh.edu/research/seminars)*

BIOGRAPHY: Franz-Josef Ulm (Ph.D., habil. Dr. h.c., P.E, NAE) is the Class of 1922 Professor of Civil Engineering at MIT. A structural engineer by training at the Technical University Munich and the Ecole des Ponts in Paris, he joined MIT in 1999. He is the founding director of the Concrete Sustainability Hub at MIT (since 2009) and of the EC³ Hub (since 2024) for research and development into energy storage in concrete structures.