



The 2022 Northeastern University College of Engineering

DISTINGUISHED SEMINAR

Hosted by the Department of Civil and Environmental Engineering

The Secret to Everything!



Ron Klemencic,
PE, SE, Dist. M.
ASCE, NAC,
NAE, Hon. AIA
Chairman and CEO,
Magnusson Klemencic
Associates

Thursday
October 27,
2022
101 Churchill
Hall
3PM - 4PM

*This seminar is free and
open to the public.*

ABSTRACT: Magnusson Klemencic Associates (MKA) Chairman and CEO Ron Klemencic will share insights into the magic that has fueled and inspired the numerous innovations he has championed throughout his career—from the implementation of Performance-Based Seismic Design beginning in the mid-1990s, to the development of SpeedCore technology over the last 15 years, to recent advancements in Performance-Based Wind Design and Structural Fire Design. Through his roles as a Director of the Charles Pankow Foundation and the MKA Foundation, in addition to his daily work as a practicing structural engineer, Ron continues to lead the research and development of many new technologies and systems that further the engineering profession.

Ron's presentation will offer a behind-the-scenes look at some of his most notable innovations and provide a sneak peek of innovations on the horizon, all in a manner that will inspire new thinking and motivate you to look at the world a bit differently.

BIO: An industry innovator and one of the preeminent high-rise structural engineers practicing today, Ron Klemencic is sought by developers, architects, and contractors worldwide

for his creativity, "big picture" approach, and unique ability to produce cost-effective and inventive designs consistently. He has designed projects in 29 states and 25 countries, with some as large as 8.4 million square feet and as tall as 112 stories.

Ron pioneered the application of Performance-Based Seismic Design for high-rise buildings, and he co-authored the Tall Buildings Initiative's published guidelines for Performance-Based Seismic Design of Tall Buildings. Most recently, he championed the research and development of SpeedCore—a first-of-its-kind, non-proprietary structural system that incorporates concrete-filled, composite-plate steel shear-wall panels to allow high-rise structures to be built more efficiently and cost-effectively.

He was inducted into the National Academy of Engineering in 2020, and he received the Council on Tall Buildings and Urban Habitat's Fazlur R. Khan Lifetime Achievement Medal in 2016 and the American Society of Civil Engineering's Outstanding Projects and Leaders (OPAL) Award in 2019. Currently, Ron is Chairman and CEO of Magnusson Klemencic Associates, an award-winning, 185-person structural and civil engineering firm founded in 1920 and headquartered in Seattle, Washington.