

The Municipal Engineers



of the City of New York

OPEN MEETING AND PRESENTATION – January 29th, 2025 (Wednesday)

TOPIC: Three Supertall Slender Towers

ABSTRACT: One Manhattan West, Two Manhattan West, and 35 Hudson Yards are three slender supertall towers designed and engineered by Skidmore, Owings & Merrill. Located over the train tracks approaching NYC's Penn Station, each tower employs unique structural approaches to resolve the constraints of the underlying conditions. These towers have been extensively optimized for wind dynamics.

LOCATION: AIA New York Center for Architecture- 536 LaGuardia Place, New York, NY 10012

Refreshments will be served at 5:30PM. Presentation will start at 6:00PM



SPEAKER: Mr. Georgi Petrov, PE, AIA, Senior Associate Principal, Skidmore, Owings & Merrill. He is a practicing architect, structural engineer, and space architect. As a Senior Associate Principal at SOM's New York office, he focuses on global high-rises and long-span structures. Georgi leads SOM's space architecture initiatives and is an adjunct professor at NYU and MIT. He also chairs AIAA's Space Architecture Technical Committee.

OBJECTIVES: To understand challenges and approaches to designing supertall towers over train infrastructure and the importance of structural material selection in relation to function and constructability of supertall towers.

The lecture is free for all to attend.

This presentation is certified for (1) PDH, free to Members.

\$15 for non-members seeking PDH credit, pay at the door or via QR code.

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