



THE GENERAL SOCIETY OF
MECHANICS & TRADESMEN
OF THE CITY OF NEW YORK
Founded 1785

LABOR, LITERATURE AND LANDMARK LECTURE SERIES
WINTER THROUGH SPRING 2016

Nancy Hudson, Senior Associate, Silman
Restoring the Solomon R. Guggenheim Museum:
Stories from a Structural Engineer

Tuesday, March 15th AT THE GENERAL SOCIETY LIBRARY
The lecture starts at 6:30p.m. – RECEPTION TO FOLLOW

Nancy Hudson, a Structural Engineer with Silman, will discuss the intricate and delicate renovations at the Guggenheim that extended over three years. The goal was to eliminate cracks on the exterior walls of the Solomon R. Guggenheim Museum in New York. Years and years of paint had not resolved the problem. The question was why? What was going on with the iconic curved walls?

Silman was retained by the Solomon R. Guggenheim Foundation to conduct a comprehensive structural assessment of the Museum and get to the bottom of the cracking. The complex geometry of the museum is a direct expression of painted reinforced concrete structural elements. Ms. Hudson will detail the structural aspects of the recent exterior restoration delving into the structural investigation, analysis, and repair design.

Nancy Hudson has two decades of structural engineering experience, most of which has focused on the preservation, restoration, and reuse of existing structures. Her preservation projects range from restoring iconic modern buildings to weaving modern mechanical systems through 19th century masonry structures to stabilizing failing ruins. As a structural engineer, she approaches historic buildings holistically since the architecture, structure, and building systems often have become integral, making it difficult to change one without impacting the others. She balances the use of technology with a practical hands-on approach that informs the investigation, design, and construction to achieve the goals of the owner.

20 WEST 44th (BETWEEN 5th AND 6th AVENUES), NEW YORK CITY

\$15 General Admission;

\$10 General Society and New York Landmark Conservancy Members and Senior Citizens;

\$5 Students.



To register please contact The General Society at 212. 840 .1840, ext 2 or email: meg.stanton@generalsociety.org.

Advance registration is recommended. www.generalsociety.org

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