



Structural Engineers Association of New York Presents:

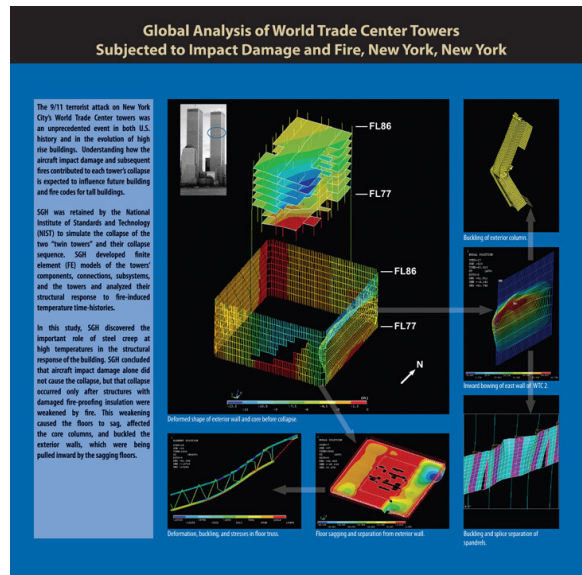
Structural Response of the WTC Towers to Aircraft Impact Damage and Fire

Presented by: Dr. Mehdi Zarghamee, Ph.D., P.E.
Senior Principal, Head of Engineering Mechanics and Infrastructure Division,
Simpson Gumpertz & Heger Inc.

Tuesday, 3 October 2006 at 6:00 p.m. EST
New York County Lawyers' Association
14 Vesey Street (Between Broadway & Church), New York City, NY

Please join us for this groundbreaking analysis of the effects of aircraft impact damage and the subsequent fires on the World Trade Center towers.

Performed as part of the 9/11 WTC disaster investigation for the National Institute of Standards and Technology (NIST), this analysis consists of finite element modeling of the components, connections and subsystems, and the development of a simulation model for the towers' global behavior subjected to the aircraft impact damage and the temperature time-histories from the subsequent fires. The analysis continues to structural collapse and is tied to the field observations documented in photographs and videos. The results of this study show the structural performance and the collapse sequence of the towers.



Speaker Dr. Mehdi Zarghamee, Ph.D., P.E., has nearly 40 years of consulting and academic experience in structural engineering and engineering mechanics. Throughout his career, he has performed extensive research and development on design, condition assessment, failure risk analysis, rehabilitation, and failure investigation of structures of all types.

Please RSVP to admin@seaony.org

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1.0 PDH

Refreshments Provided

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