

Analysis of the Collapse of the World Trade Center Towers **25th Anniversary**

Research carried out by the National
Institute of Standards and Technology (NIST)



Prof. Fletcher Miller
September 11th, 2026 @ 2 PM
Engineering - Room 328

Virtual Meeting Option:
SDSU.zoom.us/j/81928259077
Passcode: 432581

This seminar will describe the engineering analysis performed by the National Institute of Standards and Technology in the aftermath of the attacks on the World Trade Center on 9/11/2001. A brief overview of the events of that day and the layout of the towers will be provided. The goals of the study and the structural, thermal, and fire dynamic analysis will be presented at a level appropriate for both undergraduate and graduate students. There will be an introduction to the software used for the calculations, and some comparisons to experimental results will be shown. Recommendations that came from the study will conclude the presentation.

Prof. Fletcher Miller is a faculty member in the Department of Mechanical Engineering at SDSU and teaches graduate heat transfer courses. He conducts research on material flammability for spacecraft applications and high temperature solar energy. Prior to joining SDSU he worked for 16 years at NASA Glenn Research Center on combustion research. He knew several of the NIST researchers on the World Trade Center project personally, and will share a few personal recollections of that day.

