

Research Seminar



GUEST SPEAKER: Dr. Roy Denoon

Vice President

CPP Wind Engineering & Air Quality Consultants

TOPIC: “Wind Engineering Beyond the Code”

DATE: Friday, Dec. 5, 2014

TIME: 1:00 p.m. – 2:15 p.m.

PLACE: 107 Engineering Unit B

All AE Faculty and Graduate Students are invited to attend.

Pizza and Sodas will be served

Co-Sponsored by the Department of Architectural Engineering and the
Department of Civil and Environmental Engineering

Description: Wind loading codes and standards are designed to provide reasonably reliable design for the majority of buildings and structures but they don't cover unusual forms or, often, wind sensitive components. Education about wind engineering can be sparse, and a large proportion of wind-induced failures result from lack of recognition of potential wind-sensitivity during design. The presentation will examine code limitations and present examples of under-designed structures and components as well as describing alternative design approaches. This seminar is of interest to undergraduate and graduate students, faculty, and practicing engineers from the following disciplines: Architectural Engineering, Civil Engineering, and Aerospace Engineering.

Speaker: Dr. Roy Denoon, Vice President of CPP Wind Engineering and Air Quality Consultants.

Brief Bio: Dr. Roy Denoon is a Vice President of CPP Wind Engineering and Air Quality Consultants based in Fort Collins, Colorado. He is an internationally recognized wind engineering specialist with particular interest in tall building design. He has conducted wind tunnel testing and field measurements on many notable projects throughout the world including two Olympic stadiums and the world's tallest building, Burj Khalifa.