

CHICAGO – The first meeting for the new CTBUH research project entitled “A Study on the Damping Technologies Available for Tall Buildings: Comfort and Safety” was held on IIT Campus on May 19, 2015. The project, funded by Bouygues Construction, aims to summarize the collective knowledge accrued over the last few decades regarding the construction and design of structures with damping systems and to trace future possibilities in the field.

Nearly 40 industry professionals and academic experts were in attendance, along with representatives from Bouygues Construction and CTBUH. The meeting began with introductory remarks from Bouygues regarding their objectives for the project. In particular, this research will result in a guideline entitled “Tall Buildings with Damping Technologies” that would become a source for any interested parties in the sector (including engineers, architects, developers, etc.).

The second phase of the meeting consisted of a series of short presentations led by experts in the field. Each individual presented their work with damping technologies related to tall buildings. After each presentation, an open discussion was initiated to define what major considerations would be useful for the research. These discussions delineated the areas of investigation that the research should focus on, as well as potential case studies for the project.

The meeting ended with a presentation by Bouygues addressing the major questions that this research should try to investigate. With this meeting complete, a roadmap of major goals for the research has been defined and future activities have been considered. Beyond these initial steps the main objective of CTBUH and Bouygues is to begin research activities immediately.

Attendees:

Rabih Alkhatib	Aecom
Rob Smith	Arup
Sara Beardsley	AS+GG
Max Lee	BMT Fluid Mechanics
Fabienne Foucault	Bouygues
André Ly	Bouygues
Girma Bitsuamlak	Canada Research Chair in Wind Engineering
Kurt R. Strobel	CPP Wind
Alberto Lago	CTBUH
Dario Trabucco	CTBUH
Antony Wood	CTBUH
Amarnath Kasalanati	Dynamic Isolation Systems
Meinhardt Christian	GERB Vibration Control Systems, Inc
Victor Salcedo	GERB Vibration Control Systems, Inc
Un Yong Jeong	Gradient Wind Engineering
John Viise	Halvorson & Partners
Eric Fenske	Halvorson & Partners
Kirk Harman	Harman's Group
Mike Montgomery	Kinetica

Craig Blanchet	LeMessurier
Michael Tait	MC Master University
Robert McNamara	McNamara/Salvia
Amir Gilani	Miyamoto International, Inc.
Farshad Berahman	MKA
Don Davies	MKA
Trevor Haskett	Motioneering
Kevin MacLean	Read Jones Christoffersen Ltd.
Mario Lafontaine	Rene Lagos Engineers
Jon Galsworthy	RWDI
Edward DePaola	Severud
Peter Lee	SOM
Alan Klembczyk	Taylor Devices
Bob Schneider	Taylor Devices
Craig Winters	Taylor Devices
Yongqi Chen	Taylor Devices - China
John Peronto	Thornton Tomasetti
Ahsan Kareem	University of Notre Dame
Constantin Christopoulos	University of Toronto
Tim Santi	Walter P. Moore