DEPARTMENT OF CIVIL, STRUCTURAL AND ENVIRONMENTAL ENGINEERING

University at Buffalo
The State University of New York

CSEE GRADUATE STUDENT ASSOCIATION

Student Chapter
University at Buffalo

MCEER
EARTHQUAKE ENGINEERING TO EXTREME EVENTS

"T. T. Soong Student Lecture Series" at University at Buffalo

Opening Lecture:

Tsu Teh Soong

Emeritus Distinguished Professor, University at Buffalo, SUNY

"NCEER/MCEER: A Historic Perspective and Structural Control Research"

Wednesday, February 8th, 2012, 1:00 P.M.

Location: 140 Ketter Hall, North Campus, University at Buffalo

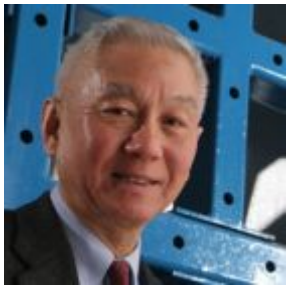
Organized and Sponsored by: UB-EERI Student Chapter, CSEE-GSA, MCEER and Dept. of CSEE

Webcast URL: ***http://civil.eng.buffalo.edu/webcast***

Abstract

The National Center for Earthquake Engineering Research (NCEER) at the University at Buffalo was launched in 1986 and, since that time, it has gone through several transformations. The first part of this talk gives a brief retrospect of NCEER with its people, research goals and programs.

One of the strong national and international research initiatives spearheaded by NCEER was structural control, which involves innovations related to protection of engineering structures against strong earthquakes and other extreme loads. The second part of this talk provides a broad overview of this research area with its activities and achievements, together with a look to the future.



Dr. Soong received his Ph.D. from Purdue University in 1962. After working as Senior Research Engineer at Jet Propulsion Laboratory in Pasadena for 18 months, he joined the engineering faculty at the State University of New York at Buffalo in 1963 as Assistant Professor (1963-66), Associate Professor (1966-68), Professor (1968-89), Samuel P. Capen Professor (1989-2009), SUNY Distinguished Professor (2004-2009), and SUNY Distinguished Professor Emeritus (2009-present). He retired from UB in 2009 but is still active in research and teaching. He is currently Chair Professor of Engineering Science at the Hong Kong Polytechnic University on a part-time basis.

Dr. Soong's research interests have been in the area of structural dynamics, reliability and control. He was one of five authors of a National Science Foundation proposal that led to the establishment in 1986 of the National Center for Earthquake Engineering Research in Buffalo. His work in structural control has led to the development of passive and active control systems for actual applications in the U.S. and other countries. He was awarded the Humboldt Prize in 1987, the ASCE Norman Medal in 1999, and the ASCE Newmark Medal in 2002 for his work in this area.

Dr. Soong is the author or co-author of 11 books, 134 journal publications, and 141 conference proceedings.

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The EERI Student Chapter at UB and the Graduate Student Association of the department of Civil, Structural and Environmental Engineering (CSEE) at UB are pleased to announce the initiation of a distinguished lecture series, effective from the current semester of Spring 2012. The distinguished series is an enhancement to the traditional annual lecture series organized by the student clubs, a legacy which has been attentively maintained and passed on by the past officers.

Given Professor Soong's contributions to the field of structural and earthquake engineering, his outstanding research accomplishments and his profound connection to the CSEE Department at UB, the students decided to dedicate the distinguished lecture series to him and name it as "T. T. Soong Student Lecture Series" at University at Buffalo.

We are honored to announce the inaugural lecture of the "T. T. Soong Student Lecture Series" at University at Buffalo, by Professor T. T. Soong.