

In memory of Professor Hiromichi Shirato (1956 – 2018)

Prof. Hiromichi Shirato of Kyoto University passed away on May 31st, 2018 after battling his severe illness for one year. He had been a faculty member of Kyoto University for 37 years since 1981. His area of expertise was bridge aerodynamics, specializing in vortex-induced vibration, flutter and wake-galloping of structures. In the last 10 years, he was working on development of buffeting response analyses and he pioneered new research areas concerning the adhesion of airborne sea salt to structures, solar updraft tower, roll over of vehicles due to gusty wind and so on.



At Porto Alegre, ICWE 14, 2015

He contributed to the development of JAWWE (Japan Association of Wind Engineering) as a board member and was the chairperson of several committees. Additionally, he was secretariat of the first BBAA in 1988, ICOSSAR in 1997 and the APCWE5 in 2001. He led many international conferences at Kyoto to success.

He was a passionate and jovial man. People were often attracted to him by his lovable personality and he was revered by all of his students.

May his soul rest in peace.

In memory of Dr. Jon A. Peterka (1941 – 2019)

Wind engineering pioneer Jon A. Peterka died May 21, 2019, in Fort Collins, Colo. He was born on May 26, 1941.

Peterka's career in wind engineering started in 1964, during his third year as an undergraduate at CSU, when he began working in Cermak's laboratory. Peterka earned bachelor's (1964) and master's (1965) degrees in civil engineering from CSU before attending Brown University for doctoral studies in fluid mechanics and thermodynamics. He retired from CSU in 1993 to work full time at CPP, and then retired again in 2014 from CPP.

With Cermak, Peterka was pivotal in commercializing the professional practice of wind engineering and wind tunnel testing, taking it out of the academic realm and into a business environment.



Peterka is known for his contributions to and influence on the wind load provisions of the Minimum Design Loads and Associated Criteria for Buildings and Other Structures, called ASCE 7, published by the American Society of Civil Engineers. He chaired the writing of the first wind tunnel testing standard, ASCE 49-12, and was one of the reviewers for JWEIA.

In memory of Professor Bogusz Bienkiewicz (1948 – 2018)

Dr. Bienkiewicz was born in Poland on May 14th, 1948. He passed away on December 20th, 2018 in Fort Collins, CO.

Dr. Bienkiewicz was a faculty member at the Department of Civil Engineering, CSU, for 36 years. Before joining CSU, he served on faculty at the Technical University of Gdansk, Poland. His research interests included wind engineering and fluid mechanics, structural engineering, probabilistic methods, experimental/computer modeling and international programs. Dr. Bienkiewicz made numerous contributions to the development of experimental techniques for wind tunnel modelling of turbulent flows and evaluation of wind effects on buildings, long span bridges, and other structures.



Dr. Bienkiewicz served as president and vice-president of AAWE, editor of the Wind Engineer, and associate editor of the ASCE Journal of Structural Engineering. In recognition of his scientific contributions, he was presented with the Distinguished Service Award by AAWE, an Award for Foreign Specialist by the Science and Technology Agency of Japan, the award of the Japanese Association for Wind Engineering.

Dr. Bienkiewicz was skilled at playing the piano, guitar, violin, saxophone and other instruments.

In memory of Professor Henry Tieleman (1933 – 2018)

Henry W. Tieleman, professor emeritus of engineering science and mechanics at Virginia Tech, died Jan. 12. He was 84.

Born 1933 in Rotterdam, the Netherlands, Tieleman spent his childhood and the difficult years of World War II in Oegstgeest.

He earned his bachelor's degree in agricultural engineering from the University of Toronto in 1961 and an additional bachelor's degree in civil engineering in 1962. He would go on to earn his master's in mechanics and hydraulics at the State University of Iowa and a Ph.D. in civil engineering from Colorado State University. He joined the Virginia Tech faculty in 1968 as an assistant professor.



Tieleman taught a variety of courses in fluid mechanics, boundary layer meteorology, wind engineering, and bluff body aerodynamics. Tieleman's research stressed the need to model small-scale turbulence for accurate assessment of extreme loads on structures. His work resulted in new approaches for wind tunnel and numerical simulation of wind flows.

Tieleman loved working with his students and colleagues. He always wanted to make sure that students were treated well and with respect.

A man of many talents, Tieleman was an avid woodworker and gardener as well as an enthusiastic member of the Riner, Virginia, community.

In memory of Professor Masanobu Shinozuka (1930 – 2018)

Prof. Shinozuka was born in Tokyo on December 23, 1930, and died in California on November 5, 2018, at the age of 87.

He was a pioneer in the development of the new fields of stochastic mechanics, structural safety and reliability, uncertainty quantification, and risk assessment and management methodologies. In particular, he introduced, established, and promoted the use of Monte Carlo simulation techniques in engineering mechanics and civil engineering.



He was also a world-renowned expert in earthquake and wind engineering, and design of structures resistant to natural and human-induced disasters. He was elected to the National Academy of Engineering (NAE) in 1978 for his work in random vibrations and related applications to the safety and reliability of structures. Shinozuka won many other honors and awards. In 2014, ASCE established a medal in recognition of his many contributions to the field.

Shinozuka served as director of NSF's National Center for Earthquake Engineering Research, president of the International Association for Structural Safety and Reliability, and president of the Engineering Mechanics Division of ASCE. He was a fellow of the American Society of Mechanical Engineering, a foreign member of the Russian Academy of Natural Sciences, and a distinguished member of ASCE.