



Invitación a Charla

“Introducción a la Investigación en Protección Sísmica en Taiwán”

Se Invita a la Comunidad Universitaria a la **Charla** titulada “*Introduction to Research on Seismic Protection in Taiwan*” a realizarse el miércoles 11 de julio de 2018 en el Salón de Honor de la Casa Central UTFSM. La exposición estará a cargo del **Dr. Shiang-Jung Wang**, Profesor de la Universidad Nacional de Ciencia y Tecnología de Taiwán (NTUST) e Investigador del Centro Nacional de Investigación en Ingeniería Sísmica (NCREE).

“Introduction to Research on Seismic Protection in Taiwan”

After the 1999 Chi-Chi Earthquake, advanced seismic protection technology, including seismic isolation and energy dissipation design, has been extensively applied to new and retrofitted buildings and infrastructures in Taiwan. To date, the numbers of building projects adopting seismic isolators and velocity-dependent dampers are more than 120 and 400, respectively. Recently, isolating critical equipment from seismic direct attack attracted growing attention and has also been practically implemented. With growing seismic demands observed from recent earthquakes such as the 2018 Hualien Earthquake in Taiwan, as well to ensure that the contents in a structure really achieve the desired performance during earthquakes, some innovative and practicable design concepts, devices, and systems are still being studied and developed in global and Taiwan. To have better research resources, a new structural laboratory that possesses international class testing facilities, i.e. the Tainan Laboratory of the National Center for Research on Earthquake Engineering (NCREE), has been established in 2017. In this speech, first, several representative applications of advanced seismic protection technology to buildings and equipment in Taiwan are introduced. The practical performances of some seismically isolated buildings and equipment during the 2016 Meinong Earthquake and 2018 Hualien Earthquake are reviewed. By using the existing and new testing facilities in Taiwan, some current and future research topics relevant to seismic protection technology are discussed.

Sobre el Expositor

Dr. Shiang-Jung Wang is currently an associate professor of the National Taiwan University of Science and Technology (NTUST), a researcher of the National Center for Research on Earthquake Engineering (NCREE), and an associate professor of the National Cheng Kung University (NCKU) in Taiwan. He has been the secretary general, director, and board member of the Chinese Taiwan Society for Earthquake Engineering (CTSEE) and the chairman of the Committee of Seismic Isolation and Energy Dissipation and board member of the Chinese Society of Structural Engineering (CSSE), since 2014.



Fecha del Evento: **Miércoles 11 de Julio de 2018**

Horario: **10:00 horas.**

Lugar: **Salón de Honor Casa Central UTFSM (Edificio A)**