

**Thursday, April 23, 6:00 pm**  
**3310 Newmark Civil Engineering Lab**

## **Using NDT as a Tool in Concrete Structure Evaluation**

Presented by Malcolm Lim, P.E. of Proceq Technical & Application Services

Nondestructive testing (NDT) has been used in the construction industry for over 60+ years. When used correctly, NDT is a very powerful tool that can help identify potential problems with minimum disruption to the structures. Mr. Lim will discuss current NDT methods, including case histories, and also future trends in NDT.

Come hear from a nationally recognized expert in nondestructive testing and evaluation, who has worked closely with a wide variety of clientele including engineering firms, building owners in the public and private sectors and contractors to ensure accurate and representative results. In addition, he has worked closely with insurance companies and offers expert litigation support for number of projects.



Mr. Malcolm Lim is currently the General Manager of Proceq Technical and Application Services, a Global Manufacturing Company in Nondestructive Testing instruments. He has over twenty five years of experience with nondestructive testing and evaluation and their applications in the assessment of a wide variety of civil applications. His nondestructive expertise includes impulse radar, impulse response, impact echo, optical fiberscope, infrared thermography, ultrasonic thickness measurement of metals, ultrasonic testing as well as state-of-the-art techniques, such as corrosion measuring devices and other electrochemical methods. He is a licensed Professional Engineer and often serves as a speaker on topics related to nondestructive testing of concrete structures to symposiums, technical conferences and universities nationwide. Mr. Lim has authored and co-authored numerous technical publications on a wide variety of nondestructive testing topics as well as numerous contract reports. To date, Mr. Lim has performed over 1,000 structural assessments using nondestructive methods. He currently serves as Chair to ACI 601F, Certification of Nondestructive Testing Technicians.

Anyone interested in concrete is invited! We will provide pizza and beverages before the meeting. See you there!

<http://publish.illinois.edu/americanconcreteinstitute/>