



STRUCTURAL ENGINEERS ASSOCIATION OF HAWAII
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MARCH 8, 2006 SPECIAL EVENT ANNOUNCEMENT

The Arthur Chiu Scholar Discourse:
*An Evening Conversation with Dr. Charles Thornton,
 Engineer of the World's Tallest Buildings
 Expressing Structure*

In a special presentation designed to help almost anyone understand how dramatic and complex structure can be, Charles Thornton will explore the multifaceted and complex world of building structures addressing the technical demands involved in carrying out large-scale projects, how considerations of design and architectural appearance influence the form of load-bearing structures, and furthermore, how these can be made visible.

A Non-profit Benefit Event for the Arthur N.L. Chiu Endowed Scholarship in Civil Engineering (UH Foundation)

- Place: Japanese Cultural Center of Hawaii, Moiliili
 2454 South Beretania Street
- Program: 5:45 p.m. Cocktails
 6:30 p.m. Dinner
 7:30 p.m. Introductory Remarks on the Arthur Chiu Scholar Discourse by Dr. Greg Chiu
 Dr. Charles Thornton on "Expressing Structure: The Technology of Large-Scale Structures"
- Speaker: **Charles H. Thornton, PhD, PE, Hon. AIA.** -
 Founding principal and formerly Co-chairman, Dr. Thornton is now a consultant to the 500-person, international engineering and design firm Thornton-Tomasetti Group PC. Charles H. Thornton has a reputation for taking common structural components and applying them in extraordinary ways expanding the horizons of structural design. Among his plethora of designs is one of the world's tallest building structures, the Petronas Twin Towers of Kuala Lumpur City Centre, Malaysia
- Dinner: Multi-course buffet in a banquet setting
- Cost: \$45.00 per person which includes a contribution to the Arthur N.L. Chiu Endowed Scholarship
 Students: \$25.00 per person

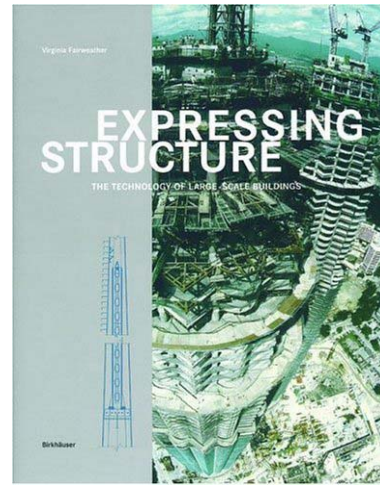
- **Early reservation is highly recommended for this unique event; couples are welcome****
Please make your reservations by Thursday, March 2, 2006

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 MARCH 8, 2006 The Arthur Chiu Scholar Discourse: *An Evening Conversation with Dr. Charles Thornton*
 Please reserve _____ seat(s) at \$45 each, and _____ seat(s) at \$25 each. Enclosed is a check payable to SEA OH for \$ _____.

NAMES Affiliation (optional): _____ Phone: _____

**Reservations may be made by fax, email, or mail for this event Fax: 808-531-4508 or Email structures@martinchock.com	Please remit payment payable to SEA OH by MAIL to the letterhead address, Attn: Kevin Nakamoto, or bring your check at the banquet
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Donations may also be made online at <https://www.uhf.hawaii.edu/giving-gift.aspx> using the selections for the "UHM-College of Engineering" Program and the "Dr. Chiu Scholarship in Civil Engineering" Account



CHARLES H. THORNTON, PH.D., P.E.
Founding Principal and Consultant

Founding principal and formerly Co-chairman, Dr. Thornton is now a consultant to Thornton-Tomasetti Group, Inc. and an advisor to the Board of Directors. Dr. Thornton has responsibility for providing guidance and advice on strategic planning and on the development of significant projects throughout the world such as high-rise and commercial buildings, complex structures and arenas, and large multi-use development complexes, as well as investigative and litigation support services for selective assignments.

In his more than 40 years of experience with the firm, Dr. Thornton has been involved in the design and construction of billions of dollars worth of projects in the U.S. and overseas, ranging from hospitals, arenas and high-rise buildings to airports, transportation facilities and special structure projects. Representative projects include: Chicago Stadium (Bulls and Blackhawks arena); Terminal No. 1 at JFK Airport; the 95-story Petronas Twin Towers of Kuala Lumpur in Malaysia, the 50-story Chifley Tower in Sydney, Australia, the Plaza 66 office tower in Shanghai, Pac Bell Park in San Francisco, Fort Worth Museum of Art in Texas, and performance centres such as Gaylord Arena in Nashville and Philips Arena in Atlanta. Many of these projects are considered exemplary industry precedents for innovative thinking and creativity.

Thornton has received an exceptional number of distinguished honors, including election to the National Academy of Engineering in 1997, Honorary Membership in the American Society of Civil Engineers in 1999, Engineering News-Record Award of Excellence in 2001, the Hoover Medal in 2002, and Franklin Institute Laureate in 2003. Among his many honors and awards, Dr. Thornton was recognized in *Engineering News-Record's* "Top 125 People of the Past 125 Years" for his outstanding contributions to the construction industry.

In 1995, he gathered leaders in the architecture and construction fields to establish ACE (Architects Contractors Engineers) Mentoring Program. The ACE Mentor Program, offering after-school training and guidance in architecture, construction, and engineering to inner city high school students throughout America, exposes young people to the excitement and value of the design and construction professions. In addition, he is chairman of the Salvadori Center that each year educates over 2,000 New York City middle school students in mathematics and science using architectural and engineering principles.

In recognition of his outstanding contributions to The American Institute of Architects (AIA) and the profession of architecture, Charles Thornton was named an honorary member of the AIA. Honorary membership is one of the highest honors the AIA bestows on a non-architect.

Dr. Thornton is presently serving as Chairman of the National Institute of Building Sciences.