



The Deep Foundations Institute is a not-for-profit association of contractors, engineers, manufacturers, suppliers, owners and academia.

DFI's membership promotes understanding and advancement of the deep foundations & excavations construction industry through conferences, publications, and community.

The technical committees, Augered Cast-In-Place Pile, Codes & Standards, Deep Foundations for Landslide/Slope Stabilization, Drilled Shaft, Driven Pile, Ground Improvement, Helical Foundations & Tiebacks, Marine Foundation, Micropiles, Seismic and Lateral Loads, Slurry Wall, Soil Mixing, Sustainability, Testing and Evaluation, and Tiebacks & Soil Nailing provide industry leadership for these foundation systems, through the publication of Guides, Specifications and References and by providing educational programs.

The membership is international.

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For Immediate Release

DFI Student Chapter at UC-Berkeley holds successful symposium

April 2, 2010, Hawthorne, NJ: The DFI Student Chapter at U. C. Berkeley, formed last year and currently rostering 21 members, sponsored a symposium titled *Foundation Design and Construction in the 21st Century* that featured seven outstanding speakers from different sectors of the industry. The symposium was presented to the engineering department students, DFI members and the at large community of practicing engineers and contractors on March 12, 2010 in the theater located in the new CITRIS building, and was video broadcast for students at the University of Illinois.

The theme of the symposium encompassed foundation design and construction with respect to the following:

- The evolution of more efficient methods of design and construction in the first decade of the 21st century.
- Inventory of the current technologies and how they rate.
- Restraints against progress.
- The influence of the green technologies.
- Current technologies that are setting examples.
- Abundant and diminishing natural resources.
- How can innovation change our engineering and problem solving approach to achieve the goals of the 21st century?
- Educating engineers to solve the challenges in the future.

The symposium began with an introduction by Student Chapter President Cristina D'Costa Ferrer and a welcome from Dr. Juan Pestana, Geotechnical Department chairman. Keynote Speaker, **David Sherwood**, senior principal with Bachy-Soletanche in London and Paris set the tone with his presentation "Recent Advances and Current Trends in Foundation Engineering."

Other presentations by prominent engineers and contractors included:

The Challenges of Marine Foundation Construction
Bob Bittner, Bittner-Shen Consulting Engineers Inc.

Designing and Building Bridge Foundations for our Infrastructure
Dan Brown, Dan Brown and Associates PLLC

Meeting the Design and Construction Challenge with Innovation
Patrick Bermingham, Bermingham Foundation Solutions

Foundation Construction in the Urban Environment
David Coleman, Underpinning & Foundations Skanska

Reflections on our industry
Arturo Ressi di Cervia, Kiewit Construction Group Inc.

Manufacturing Diesel Pile Driving Equipment in China
John White, American Piledriving Equipment, Inc.