



3<sup>rd</sup> International Symposium on  
**E**nergy **C**hallenges & **M**echanics  
- towards a big picture

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Aberdeen, Scotland, UK

### Speaker of Session 01

#### ENERGY EFFICIENCY



Dr. Lakshmi N Reddi is Dean of the University Graduate School at Florida International University, and is Professor of Civil and Environmental Engineering with research interests in the specific areas of geotechnical and geoenvironmental engineering. His prior academic appointments were at the University of Central Florida and Kansas State University.

Dr. Reddi's academic career over the last twenty-five years has been highly interdisciplinary; he has established fruitful collaborations with researchers from such diverse disciplines as Agronomy, Architecture, Biology, Chemistry and Chemical Engineering, Computer Science, Education, Humanities, Mechanical Engineering, and Medicine. He secured extramural funding to the tune of about 8 million dollars from sponsors at all

levels – federal (NSF, NASA, FHWA, EPA), state agencies and regional centers, and local industries.

A strong proponent of interdisciplinary research involving engineering, sciences and humanities, and integrated research and education, Dr. Reddi authored/co-authored two textbooks on the interdisciplinary themes of geoenvironmental engineering and seepage in soils, edited/co-edited six books on other themes, and authored/co-authored numerous technical articles in journals and periodicals representing various interdisciplinary themes in engineering. Winner of the Engineering Research Excellence Award and two-time recipient of the James Robbins Teaching Award, Dr. Reddi is also a chapter honor member of Chi Epsilon, and Eminent Engineer of Tau Beta Pi. A Fellow of ASCE and AAAS, Dr. Reddi was conferred the title, "Distinguished Alumnus," by the Ohio State University's College of Engineering. Engineering Societies of Central Orlando honored him with the Engineering Leadership Excellence Award in 2010.