

Chuck Farrar - Chuck Farrar is currently the Engineering Institute Director. While at Los Alamos, he earned a Ph. D. in civil engineering from the University of New Mexico in 1988. The first ten years of his career at LANL focused on performing experimental and analytical structural dynamics studies for a wide variety of systems including nuclear power plant structures subject to seismic loading, and weapons components subject to various portions of their stockpile-to-target loading environments. Currently, his research interests focus on developing integrated hardware and software solutions to structural health monitoring problems and the development of damage prognosis technology. The results of this research have been documented in more than 250 publications as well as numerous keynote lectures at international conferences. His work has been recognized at Los Alamos through his reception of the inaugural Los Alamos Fellows Prize for Technical Leadership and by the Structural Health Monitoring community through the reception of the inaugural Lifetime Achievement Award in Structural Health Monitoring. In 2007 he was elected to Fellow of the American Society of Mechanical Engineers. He is currently working jointly with LANL staff and engineering faculty at University of California, San Diego to develop the Los Alamos/UCSD Engineering Institute with a research focus on Damage Prognosis. Additional professional activities include current appointments to associate editor positions for the *Int. Journal of Structural Health Monitoring* and *Earthquake Engineering and Structural Dynamics*, and the development of a short course entitled *Structural Health Monitoring: A Statistical Pattern Recognition Approach* that has been offered more than 15 times to industry and government agencies in Asia, Australia, Europe and the U.S.



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