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Energy **C**hallenges & **M**echanics
- working on small scales

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Speaker of Session 07

NANOTECHNOLOGY FOR GENERATORS



Dr. ROBERT M L BAKER, JR.

Baker earned a bachelor's degree in Physics at UCLA with highest honors (summa cum laude – first in his class), Phi Beta Kappa, earned a master's degree in Physics and a Ph.D. in Engineering at UCLA-- the Ph.D. degree with a specialization in space navigation was, according to UCLA officials, the first of its kind to be granted in the United States. Faculty of the Department of Astronomy at UCLA from 1959 to 1963 and the Department of Engineering and Applied Science at UCLA from 1963 to 1971 as a Lecturer and Assistant Professor. He won the UCLA Physics Prize, was recipient of the AIAA's Dirk Brouwer Award for outstanding contributions in astrodynamics and orbital mechanics, the 2011 "Outstanding

Lifetime Achievement in the Field of High-Frequency Gravitational Waves" Awarded by the International Institute of Information and Systems (IIS). He was national chairman of the Astrodynamics Technical Committee of the AIAA from 1961 to 1964, Vice Chairperson of the first International HFGW Conference and Workshop at the MITRE Corporation in 2003, appointed Chairman of the HFGW Symposium at the Johns Hopkins University Applied Physics Laboratory in 2010 and is a Fellow of the American Association for the Advancement of Science (AAAS).

