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M. Ehsani (S'70-M'81-SM'83-F'96-LF'15) is the Robert M. Kennedy Professor of Electrical Engineering at Texas A&M University. He received the B.S. and M.S. degrees from the University of Texas at Austin in 1973 and 1974, respectively, and the Ph.D. degree from the University of Wisconsin-Madison in 1981, all in electrical engineering. He is the co-author of more than 500 technical papers, 24 books, an IEEE standards book, and 30 US and EU patents. He has won over 130 prize paper and other awards in IEEE and elsewhere, including IEEE-VTS Avant Garde Award for his contributions to the hybrid electric vehicle technology and the 2003 IEEE Award for Undergraduate Teaching.

Ehsani has founded and lead several IEEE and other international conferences and has served on the governing bodies of IEEE Power Electronics Society, Industry Applications Society and Vehicular Technology Society. He is a Life Fellow of IEEE, a Fellow of SAE, past and present Distinguished Lecturer of several IEEE societies, a consultant to over 60 US and international companies and government agencies and a registered Professional engineer in the state of Texas.

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## Lecture titles

1. "Power Electronics and Motor Drives," One-Week Short Course, Polytechnic Institute of Guayaquil, Equator, November 1986.
2. "A Force-Commutated Direct Frequency Changer for the Aircraft VSCF Systems," Invited Seminar, Wright Patterson Air Force Base, Aeropropulsion Laboratory, November 1986.
3. "A Solid State DC Breaker for the High Performance Aircraft Power System," Invited Seminar, General Dynamics, Fort Worth Division, December 1986.
4. "Application of the Matrix Converter to the Aircraft VSCF System," Invited Seminar, Sundstrand Corporation, Rockford, Illinois, February 1987.
5. "A Short Course in Power Electronics and Motor Drives," Fisher Controls International, Marshalltown, Iowa, July 1988.
6. "New Concepts in High Power DC-DC Converters, Electromechanical Activators and Pulsed Power Systems," Invited Seminar, Wright Patterson Air Force Base, March 1989.
7. "Power Electronics and Drives," A Short Course Offered by Electric Power Research Institute (EPRI) Power Electronics Applications Center, June 1989.
8. "Comparison of Various Energy Storage Schemes for Military Applications," Invited Half a Day Seminar at US Army Electronics Technology and Devices Laboratory, Fort Monmouth, NJ, January 1989.
9. "Pulse width Modulation (PWM) Techniques," Short Course at IEEE Applied Power Electronics Conference and Exposition (APEC'91), Dallas, March 1991.
10. "Technology Simplification in Switched Reluctance Motor Drives," Short Course at IEEE Applied Power Electronics Conference and Exposition (APEC'91), San Diego, March 1993.

11. "Parallel Hybrid Electric Drive Trains for the Next generation of Passenger Cars," Key Note Speech in Southeast Michigan Section of IEEE, Dearborn Michigan, April 1998.
12. "Recent Advances and State of the Art in Switched Reluctance Motor Drives," Tutorial at IEEE Applied Power Electronics Conference and Exposition (APEC'2000), New Orleans, LA, February 2000.
13. "Automotive Electrical Power Systems: Current Status & Future Trends," Tutorial at IEEE 2000 Vehicular Technology Conference, Boston, MA, September 2000.
14. Numerous other IEEE Distinguished Lectures, for the Industry Applications and Industrial Electronics Societies, all over the US and worldwide.
15. Short Cycle Time Design of Advanced Motor Drives by the Real Time Simulation and Hardware in the Loop technologies, a two day short course offered to the automotive industry in Detroit, Michigan, Nov. 3-4, 2003.
16. "Integrated Biofuel-Vehicle System", Key Note address given at the opening of the 2004 IEEE-VTS Vehicle Power and Propulsion Symposium in Paris, France, October 4th, 2004