Software Technologies Distinguished Lecture Series 2008/2009

Florida Gulf Coast University

Lutgert Hall 1201

December 10, 2008, 5:30-6:30pm

Carlos Moreno, VP of Engineering

Medical Education Technologies, Inc. (METI), Sarasota, Florida

Engineering Technologies and Developments at METI

Abstract. Medical Education Technologies, Inc., or METI, is a company specializing in the development of simulators for use in medical applications. Their flagship product is a realistic, fully automatic, high-fidelity Human Patient Simulator (HPS), specifically designed for training in anesthesia, respiratory and critical care. The major customers include: medical and nursing schools, hospitals, and government organizations (U.S. Army, Air Force and Navy), both domestic and international. The discussion will cover the technological history of METI since its creation in 1996 till today, in the areas of core technologies, electrical, mechanical and software engineering and system integration.

Speaker's Bio. Carlos Moreno is Vice President of Engineering and Chief Technology Officer at Medical Education Technologies, Inc. (METI), where he previously held positions of Director of Technology and Engineering and Chief Software Architect (2002-2005). He has over 20 years of experience in modeling and simulation, initially in the area of Physics and Microelectronics, later in Network Communications and now to combine Human Patient Simulation and Distributed Systems Integration. As a technology executive with research experience, strong understanding of production system design, development and integration, Mr. Moreno has helped his company to become a leading developer of high-fidelity patient simulators. Moreno holds a M.Sc. degree in Microelectronics from Havana Polytechnic Institute (1990) and M.Sc. in Physics and Mathematics from State University of Odessa, Ukraine (1986).