

MCEN GRADUATE SEMINAR

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April 28, 2011

3:30-4:45 ECCR 1B40

Current Research into the Science of Psi Phenomena

Abstract:

A New York Times story last January expressed outrage that an article on precognition was accepted for publication in a mainstream psychology journal. The journal article describes nearly a decade of research at Cornell University showing that human subjects anticipate the output of a computer random event generator seconds before it chooses the output. How could this be?

Psi includes the three components of ESP – telepathy, remote perception, and precognition – plus psychokinesis. It involves the transfer of information from or to a conscious entity via unknown channels for communication and control. In micro-psi the interactions occur by affecting stochastic processes at the level of the noise, possibly by influencing quantum transitions. I describe research at the University of Colorado that corroborates and extends 80 years of published studies in laboratory psi resulting in enormous odds-against-chance evidence for the existence of the phenomena. Current research at CU includes a new engineering experiment to demonstrate effects similar to those in the Cornell study, but in an inanimate digital electronic system.

Bio:

Garret Moddel has been a Professor of Electrical, Computer, and Energy Engineering at the University of Colorado since 1985. His research group works in quantum engineering of new thin-film devices for energy conversion. He was the founding president and CEO of Phiar Corporation, a venture-capital-backed high-tech start-up developing ultra-high-speed metal-insulator electronics. Before coming to CU he was a founding employee at SERA Solar Corp., a Silicon Valley photovoltaics start-up company. He was named the first CU Inventor of the Year in the Physical Sciences in 2002, and is a fellow of the Optical Society of America. Dr. Moddel earned a BSEE degree from Stanford and MS and PhD degrees in Applied Physics from Harvard.