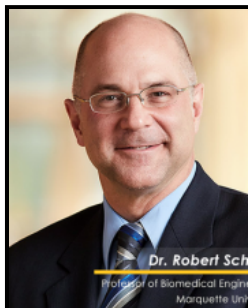




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Other - National Science Foundation Seminar by LSU Office of Research & Economic Development

Mind, Machine, and Motor Nexus (M3X): a new NSF Program advancing the frontiers of human-machine interaction

Robert Scheidt, National Science Foundation (NSF)

Digital Media Center Theatre
March 08, 2018 - 03:30 pm

Abstract:

Dr. Robert Scheidt of the National Science Foundation (NSF) will discuss the "Mind, Machine and Motor Nexus (M3X)" program that supports fundamental research at the intersection of mind, machine and motor. A distinguishing characteristic of the program is an integrated treatment of human intent, perception, and behavior in interaction with embodied and intelligent engineered systems and as mediated by motor manipulation. M3X projects should advance the holistic analysis of cognition and of embodiment as present in both human and machine elements. This work will encompass not only how mind interacts with motor function in the manipulation of machines, but also how, in turn, machine response and function may shape and influence both mind and motor function.

Speaker's Bio:

Dr. Robert Scheidt, National Science Foundation (NSF)

