



## **MMAE SEMINAR**

**Wednesday, March 7, 2007  
E-1 BUILDING – CRAWFORD AUDITORIUM  
3:30 – 4:30 PM**

### **Recent Thrusts in Therapeutic Robotics**

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#### **Abstract**

Several new technological and scientific endeavors have led to new opportunities in retraining the nervous system after brain injuries such as stroke. These include coupled robotic systems, human-human interactions, "distorted" reality, and robotic diagnostics. This talk will highlight the practical, clinical, and control implications of each of these new "thrusts," which have a broad potential impact in other areas, such as prosthetic control, hazardous material handling, haptics, pilot training, sports training, telesurgery, space exploration, learning to operate a brain machine interface.