**About the Speaker**

Dr. Mozes has been working in computer graphics and image-guided applications in start-up companies for nearly 20 years. As a principal engineer and one of the first 20 employees at MAKO Surgical Corp., he helped develop the software for their ground-breaking Rio system for orthopedic robotic surgery. Prior to MAKO Surgical Corp., he developed Emmy award-winning technology with Sportvision, Inc. in the area of real-time sports broadcast graphics. Dr. Mozes received his PhD in Biomedical Engineering from the University of Miami and his BS and MS degrees in Computer Science and Engineering from the Massachusetts Institute of Technology (MIT).

**About the Lecture**

Robotic Surgery has been under development for nearly four decades. With advances in areas ranging from artificial intelligence to manufacturing, robots are becoming more powerful and ubiquitous across a greater range of surgical procedures. Imaging, patient tracking, tele-operation, and haptics are all key technologies that play a role in its application. Several companies are seeing clinical success lead to business success when robotic surgery is adapted to the right market. Despite the potential, there are still many hurdles to overcome, including security risks, HIPAA, FDA, and other regulatory constraints, and simple status quo psychology that slows progress in the medical community.

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**September 28, 2018 @ 3:30pm**

Jose Milton Leadership Hall, McArthur Engineering Annex, Room 202

*Light refreshments will be provided*