

Neural Prosthesis Seminar

**“New Horizons in Upper and Lower
Extremity Prosthetics”**

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Biomedical Research Building • BRB 105
Case Western Reserve University



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Abstract:

Recent advances in robotics technology have brought to the near horizon significantly enhanced functionality in both lower and upper extremity prostheses. Specifically, such advances now enable fully powered artificial legs and multi-fingered hands capable of multiple grasps and postures. Traditional user interfaces are inadequate to fully access the enhanced capabilities of such prostheses, and as such, the development of new, considerably more capable user interfaces are needed. This talk will describe emerging capabilities in both lower and upper extremity prostheses, and will also discuss issues related to the user interface of both.

For more information, please contact Cathy Naples at (216) 707-6490.

Live stream video link for each lecture at www.FEScenter.org/Seminar