

SEMINAR IN PHYSICS Friday, March 29 3:30 – 4:45 Ross 0220

The Role of Robotics in Human Advancement

Maurice Woods III and Jessica Trujillo RoadNarrows Robotics

On February 14th of this year, the FDA approved the production of the world's first bionic eye, suitable for implantation into the body to help improve vision for people suffering from rare types of blindness. Remarkable advances in technology such as this have brought humans to an evolutionary climax that seems to have come straight from science fiction, but what else is out there? From robotic eyes to electronic tattoos and smart-clothes that monitor one's general health, local robotics engineers Jessica Trujillo and Maurice Woods will discuss how robotics and its essential symbiosis with humanity sits at a forefront of science and engineering. We will also discuss related engineering efforts made by local robotics company RoadNarrows of Loveland and how their robotic technology hopes to contribute to the field of bio-robotics.