

Abstract GLMS 15 October 2019

Time: 12.00-13.00 PM

Location: 3215.0126

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The visual control of walking over complex terrain

Real world terrain poses many potential challenges for animals that move about by means of bipedal locomotion. Nevertheless, humans and other bipeds are quite capable of negotiating irregular terrain without risk of injury and without giving up on the strategies that make them stable and efficient walkers on flat, uniform surfaces. In this talk, I will explore how humans blend active and passive modes of control as they adapt gait to the layout of the upcoming terrain, cross flat and raised obstacles, and land on safe footholds.