2020 Virtual Workshop on Motor Control		
Monday 10/26		Moderated by Hillel Chiel
10:00 AM	Auke Ijspeert	Interaction of central and peripheral mechanisms in the spinal cord: lessons from numerical models and robots, from swimming to walking.
10:30 AM	Simon Danner	Spinal circuits for sensorimotor integration during locomotion at different speeds: A computational model
11:00 AM	Alain Frigon	control of locomotor direction and speed by somatosensory feedback
11:30 AM	Ilya Rybak	On brainstem control of locomotion and steering
12:00 PM	Ansgar Büschges	Moving insect walking - generation of leg stepping and interleg coordination in fruitfly walking
Tuesday 10/27		Moderated by Peter Thomas
10:00 AM	Hillel Chiel	How a pattern generator can adapt to changing environmental conditions
10:30 AM	Yangyang Wang	Variational and phase response analysis for limit cycles with hard boundaries, with applications to neuromechanical control problems
11:00 AM	Jon Rubin & Silvia Daun	A computational study of the roles of ascending sensory signals and top-down central control in the entrainment of a locomotor CPG
Wednesday 10/28		Moderated by Silvia Daun
10:00 AM	Zhuojun Yu	Dynamical consequences of sensory feedback in a half-center oscillator coupled to a simple motor system
10:30 AM	Paul Katz	Distinct neural circuit architectures underlying homologous behaviors in nudibranch molluscs
11:00 AM	Boris Prilutsky	Atypical patterns of locomotor activity in the cat: Role of CPG and motion-related sensory feedback
Thursday 10/29		Moderated by Peter Thomas
10:00 AM	Yaroslov Molkov	Complicated relationships between respiration, heart beat and blood pressure
10:30 AM	Mette Olufsen	Using model data and model-based analysis to understand emergence 0.1Hz oscillations in patients with Postural Orthostatic Tachycardia (POTS)
11:00 AM	Cartern Johnson	Neuromechanical Mechanisms of Gait Adaptation in C. Elegans: The Relative Roles of Neural and Mechanical Coupling
All times are in Eastern Daylight Savings Time. Subtract 3 hours for California. Add 5 hours for Europe.		