



School of Kinesiology Distinguished Speaker Series

Professor Rouwen Cañal-Bruland,

Friedrich Schiller University Jena, Germany



“Action, perception and cognition: a movement psychological perspective”

Recent empirical evidence support theories which outline an intricate link between action, perception and cognition. In my talk I will first present several experiments on action perception which highlight the perceptual, motor and cognitive contributions to predicting action effects from others' movements. This will include experiments on the role of perceptual experience and expertise on predicting the outcome of others' movements as well as studies examining the role of motor experience on detecting deceptive intentions in confederates. In the second part of my talk, I will present and discuss recent work from my lab which tries to pinpoint the constraints and boundaries for the occurrence of action effects on perceptual-cognitive processes. Together, these experiments provide compelling evidence to suggest that action, perception and cognition are tightly coupled when seeking to understand others' action intentions and perceive the environment as well as for the control of one's own movements.

Dr. Rouwen Cañal-Bruland is a Professor of Sport Psychology at the Faculty of Social and Behavioural Sciences at Friedrich Schiller University Jena, Germany, where he also leads the Department of Sport Psychology. Before joining FSU Jena in 2016, Rouwen served as an Assistant Professor at the Faculty of Human Movement Science at the Vrije Universiteit Amsterdam, the Netherlands, for almost nine years. He completed his PhD and his undergraduate studies at the University of Münster, Germany. Rouwen works at the intersection of sport science, experimental and cognitive psychology to study interactions between action, perception and cognition. He regularly publishes his work in leading psychology, neuroscience and sport science journals. Currently, Rouwen serves as an acting/associate editor for several journals including Perception & i-Perception as well as Frontiers in Psychology.

Host: Dr. Nicola Hodges
Professor, UBC School of Kinesiology

November 8, 2017 | 12:30 pm – 2:00 pm
Centre for Brain Health, Rudy North Theatre (LL101)