

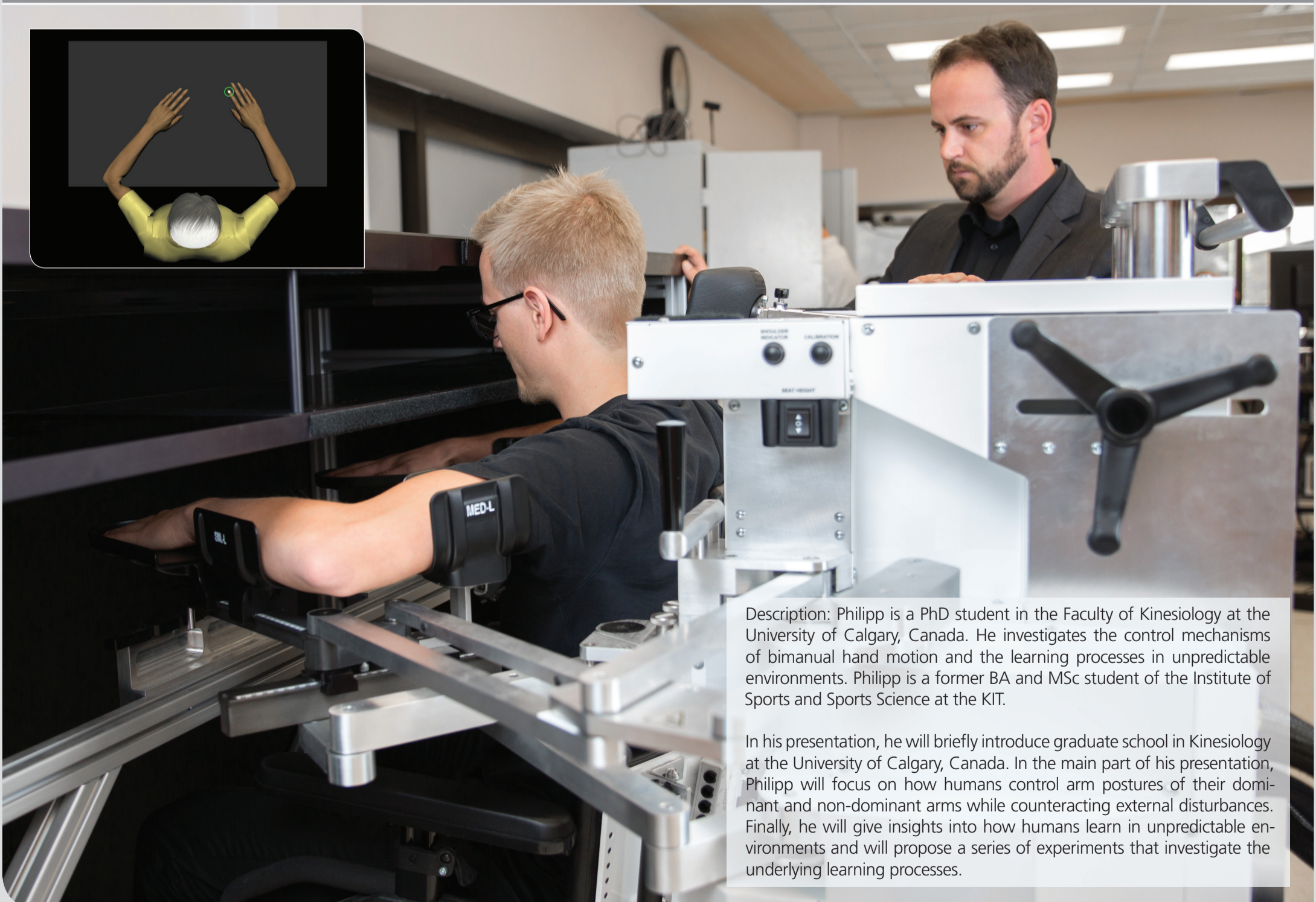
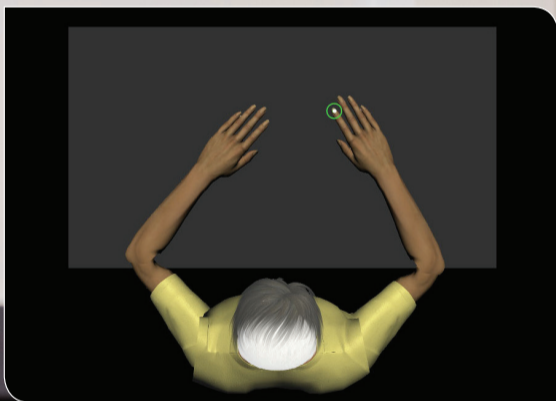
About the Control of Bimanual Arm Postures and Motor Learning in Unpredictable Environments

Philipp Maurus

PhD student in the Faculty of Kinesiology at the University of Calgary, Canada

Institute of Sports and Sports Science, Bldg. 40.40
Thursday, 18 July 2019, 5.30 pm, lecture hall

INSTITUTE OF SPORTS AND SPORTS SCIENCE



Description: Philipp is a PhD student in the Faculty of Kinesiology at the University of Calgary, Canada. He investigates the control mechanisms of bimanual hand motion and the learning processes in unpredictable environments. Philipp is a former BA and MSc student of the Institute of Sports and Sports Science at the KIT.

In his presentation, he will briefly introduce graduate school in Kinesiology at the University of Calgary, Canada. In the main part of his presentation, Philipp will focus on how humans control arm postures of their dominant and non-dominant arms while counteracting external disturbances. Finally, he will give insights into how humans learn in unpredictable environments and will propose a series of experiments that investigate the underlying learning processes.