Dr. Liarokapis is a Lecturer in the Department of Mechanical Engineering and research advisor of the New Dexterity team (www.newdexterity.org). Previously, he was a Postdoctoral Associate in the GRAB Lab at Yale University. He holds a Diploma in Computer Engineering, a MSc in Information Technologies in Medicine and Biology and a PhD in Mechanical Engineering.

Dr. Liarokapis is interested in providing robotics solutions to everyday life problems, modelling, designing and controlling novel robotics and bionics hardware. During his postdoctoral training, his research focused on hybrid schemes that combine analytical models, constrained optimization methods and machine learning techniques for simplifying robust grasping, dexterous, in-hand manipulation and haptic object identification using adaptive robot hands. During his PhD studies, he worked on EMG-based decoding of human motion and intention for the control of robotic and prosthetic devices in structured and dynamic environments.

He is the founder of the OpenBionics initiative (www.openbionics.org) and a co-founder of OpenRobotHardware (www.openrobothardware.org) and HandCorpus (www.handcorpus.org).