

Speaker: Dr. Goren Gordon, Department of Industrial Engineering, Head of Curiosity Lab, Tel Aviv University

Title: Social Robots in Education: Promoting 21st Century Skills

Abstract:

Social robots are becoming more present in everyday lives, from factories, offices, and homes. One area where they can have drastic impact is the educational system, enabling personalized education with the social component that is missing from computer-based education. However, most social robots for education focused on content, e.g. math, language, etc. In this lecture I will present work done in my lab to establish social robots for the promotion of 21st century skills, including curiosity, growth mindset, collaboration, and communication. These developments can usher a new era in education, where social robots deliver the best pedagogy of promoting 21st century skills in the educational system.

Bio:

Goren Gordon PhD, PhD MBA. Goren has six academic degrees, a BA, MSc, and PhD in Quantum Physics, a BMSc, MBA and another PhD in Neurobiology. He did his postdoc in MIT Media Lab's Personal Robots Group. Goren is the head of the Curiosity Lab in Tel-Aviv University.