

Experiments in Machine Behavior

Iyad Rahwan

Max-Planck Institute for Human Development, Berlin, Germany
rahwan@mpib-berlin.mpg.de

Keynote Abstract

Machines powered by artificial intelligence increasingly mediate our social, cultural, economic and political interactions. Understanding the behaviour of artificial intelligence systems is essential to our ability to control their actions, reap their benefits and minimize their harms. This talk presents a broad scientific research agenda to study machine behavior. It then summarizes a number of studies of human-machine behavioral dynamics, as well as human perception and expectations of machine behavior.

Iyad Rahwan is a director of the Max Planck Institute for Human Development in Berlin, where he founded and directs the Center for Humans Machines. He is also an honorary professor of Electrical Engineering and Computer Science at the Technical University of Berlin. Until June 2020, he was an Associate Professor of Media Arts Sciences at the Massachusetts Institute of Technology (MIT). A native of Aleppo, Syria, Rahwan holds a PhD from the University of Melbourne, Australia.

