

Keynote Talk 1: AI and Psychology

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Abstract:

Recent development of AI technology may make it possible to construct a robot which behaves as if it has mind from the view point of humans. This research will be interested in both basic science in which we consider what is mind and how the mind works and AI technology in which we will develop robot easier to be used. From this view point, RIKEN started a new project called temporarily "Psychology based AI Robotics". In this talk, I will give you a rough sketch of how psychology will be used in AI and Robotics.

Short Biography:

Michihiko Minoh is appointed as Executive Director, RIKEN in April 2018. He received the B.Eng., M.Eng. and D.Eng. degrees in Information Science from Kyoto University, in 1978, 1980 and 1983, respectively. He was Professor of Academic Center for Computing and Media Studies (ACCMS), Kyoto University from April 2002 to March 2018. He served as director of ACCMS from April 2006 to March 2010 and concurrently served as vice director in the Kyoto University President's Office from October 2008 to September 2010. From October 2010 to September 2016, he served as chief information officer at Kyoto University and director-general at Institute for Information Management and Communication, Kyoto University.

His research interest includes a variety area of Image Processing, Artificial Intelligence and Multimedia Applications, particularly, model centered frame work for the computer system to help visual communication among humans and information media structure for human communication.