

AI AND THE BRAIN: SOME EMERGING THEMES AND IDEAS

Abstract : The talk will highlight some emerging themes and ideas at the intersection of neuroscience, artificial intelligence and neural engineering. Specifically, we will examine how ideas from AI and engineering have helped shape computational models for understanding the brain, and how results from neuroscience are in turn inspiring new AI algorithms. We will conclude by discussing how AI can interact directly with the human brain via the framework of brain co-processors for rehabilitation and augmentation.

Date : Oct 25, 2021

Time : 2-4pm

**Venue
Virtual**

About the Speaker: *Rajesh P. N. Rao is the CJ and Elizabeth Hwang Professor in the Paul G. Allen School of Computer Science and Engineering and Department of Electrical and Computer Engineering at the University of Washington (UW), Seattle. He is also the co-Director of the Center for Neurotechnology (CNT), Adjunct Professor in the Bioengineering department, and faculty member in the Neuroscience Graduate Program at UW. He directs the Neural Systems Laboratory located in the Paul G. Allen Center for Computer Science and Engineering. His awards include a Guggenheim Fellowship, a Fulbright Scholar award, an NSF CAREER award, an ONR Young Investigator Award, a Sloan Faculty Fellowship, and a David and Lucile Packard Fellowship.*



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