Name: Suparna Bhattacharya	
Photo:	
Awards: Women Technologist of the Year 2020	
Brief Bio: Suparna Bhattacharya is a Distinguished Technologist in the AI research lab at Hewlett Packard Labs with deep contributions of lasting impact in systems software development and research over a career spanning 6+ years at HPE, preceded by 21 years at IBM. She spent several enjoyable years working with the Linux kernel open source community and was regularly invited to the international Linux Kernel Summit. Over the last decade, Suparna has developed a passion for blending insights from diverse technical domains to explore innovations that span technology boundaries, such as rethinking systems software in the era of AI and Internet of Things. She published a book Resource Proportional Software Design for Emerging Systems, CRC Press 2020, co-authored with Doug Voigt and Prof K. Gopinath. In her previous role in HPE Storage, she was responsible for advancing the architecture of hyper-converged and software defined storage in edge to core systems for containers, AI/ML workloads, persistent memory and other emerging technologies. Suparna is a fellow of the Indian National Academy of Engineering, an ACM India Eminent speaker and an active member of the systems community, having served on program committees for ASPLOS, OOPSLA, MASCOTS, ECOOP, HotStorage and USENIX FAST conferences. She has received several awards, such as the IEEE Woman Technologist of the year 2020, Prof S.K. Chatterjee Award from IISc for the year 2019, Zinnov Next Generation Women Leaders Award 2019 and HPE Women's Excellence Award 2017. Suparna holds a (late-in-life) PhD in Computer Science and Automation (2013) with a best thesis award from the Indian Institute of Science, and a BTech in Electronics and Electrical Communication (1993) from IIT Kharagpur.	
Achievement for which the award was given: For advancing system software for complex systems that target new storage technologies and software frameworks for emerging application areas with novel contributions such as resource proportional software design for emerging systems and meaning aware storage for artificial intelligence.	