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Executive Biography

Will Allen

HP Fellow & VP
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Will Allen is an Inventor and Innovator in the Emerging Compute Lab, part of HP Labs. For thirty years, Allen has been deeply engaged with inventing and commercializing digital technology, contributing to HP programs with global impact in instrumentation, inkjet printing at all scales, digital projection displays, and services. His current areas of interest include: robotic systems, machine learning, future of the workplace with immersive collaboration, and HP technical career path governance.

Previously, Allen was Lead Strategist for the Applied Innovation team in HP Enterprise Services Office of the CTO. He also led architecture and reliability efforts on HP's consumer web-connected and mobile printing assets. Will was involved in early R&D efforts on the HP Sprout project, leading the sensor architecture team. He was Chief Technologist of the Graphics Solutions Business in HP's Imaging & Printing Group, where he managed internal printing technology investments, and guided deployment of HP's PageWide inkjet technologies across a wide range of product families. He was also Chief Scientist for HP's projection display business.

Allen invented wobulation technology, which doubled the resolution of HP Pavilion rear-projection displays, was co-inventor of HP's first digital projector, and spent three years at the HP's Barcelona site creating HP's first six-color large format printer. Earlier in his career, Allen engineered color imaging into the DeskJet printer line. He also proliferated image quality measurement practices across the company, was a co-inventor of HP ColorSmart, and was architecture lead for the HP 16500A Logic Analysis System, HP's first product with a color touch graphical user interface.

A named inventor on over 70 US patents, Allen was the imaging systems lead for the HP DeskJet 690 Series printers, which won a 1997 American Product Excellence (APEX) award. In 2004, Wobulation was declared "Best of What's New" by Popular Science. Allen is a graduate of Purdue University, from which he received a B.S. in computer science.