



## **Designing Great Displays for Virtual and Augmented Reality**

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The display is a critical component for providing wonderful immersive experiences in virtual and augmented reality. A number of careful design choices and tradeoffs have to be made to create the best possible display subsystems for VR and AR.

### **Biography**

Dr. Nikhil Balram leads display R&D for virtual and augmented reality at Google Inc. He has won numerous awards including most recently the 2016 Otto Schade Prize from the Society for Information Display. Products and technologies developed by teams led by him have been used by millions of people. Dr. Balram is also an adjunct professor of electrical engineering at Carnegie Mellon University (CMU), a guest professor of design and innovation at the Indian Institute of Technology in Gandhinagar, India, and a former visiting professor of vision science at the University of California, Berkeley. He has over 100 US and international patents granted or pending, more than 50 technical publications, including two invited book chapters, and has given over 25 keynote speeches at major conferences and events worldwide. He received his B.S., M.S. and Ph.D. in electrical engineering from CMU.