

Bio

Dr. Andrei Faraon is a Professor of Applied Physics and Electrical Engineering at California Institute of Technology. After earning a B.S. degree in physics with honors in 2004 at California Institute of Technology, he received his M.S. in Electrical Engineering and PhD in Applied Physics both from Stanford University in 2009. From 2009 to 2012 he was a postdoctoral fellow at Hewlett Packard Laboratories.

At Caltech he works on nano-photonic technologies for both classical and quantum applications including: optically addressable quantum bits, optical quantum memories, microwave to optical quantum transduction, metasurfaces and metamaterials for multi-functional imaging applications.

Dr. Faraon is the recipient of the 2018 Adolph Lomb Medal of the Optical Society of America that recognizes a noteworthy contribution to optics made by a researcher who is still early in his or her career. He was also awarded young investigator awards from NSF, ONR, AFOSR.