

**Ara Philipossian**

Emeritus Professor, University of Arizona

Dr. Philipossian received his BS, MS, and PhD in Chemical Engineering from Tufts University in 1983, 1985, and 1992. Since its establishment in 2004, he's been the Co-Founder, President, and CEO of Araca, Inc. ([www.aracainc.com](http://www.aracainc.com)), the premier provider of services and equipment to the polishing and planarization industry worldwide (please see [www.aracainc.com](http://www.aracainc.com)). From 2001 to 2020, Ara was a professor of Chemical Engineering at the University of Arizona (Tucson, AZ) where he held the Isamu and Masako Koshiyama Distinguished Professorship and Chair of Planarization. From 1992 to 2001, he was the Materials Technology Manager at Intel responsible for the development, characterization, implementation, and sustaining of new and existing CMP and post-CMP cleaning consumables, low k dielectrics, and electroplating chemicals. From 1986 to 1992, he worked at Digital Equipment Corporation (Hudson, MA) as a process development manager focusing on thermal silicon oxidation, diffusion, LPCVD of dielectric and gate electrodes, and wafer cleaning technology. Dr. Philipossian has authored approximately 160 archival journal publications and about 200 articles in conference proceedings. He holds 24 patents in the area of semiconductor processing and device fabrication with another 6 patents pending.