Dr. Jeremy Muldavin is currently Distinguished Member of the Technical Staff for Aerospace and Defense at GlobalFoundries beginning in 2020. Prior to joining GlobalFoundries, Dr. Muldavin spent 19 years with MIT Lincoln Laboratory as a staff, and group leader researching microelectronics, imagers, embedded computing, open architecture, and autonomy, and was awarded the IEEE Microwave Theory and Techniques Society Outstanding Young Engineer award for his work. He received his BSE in engineering Physics, MSE and PhD in Electromagnetics from the University of Michigan. From 2016-2019, Dr. Muldavin was an IPA assignee as Director, Defense Software & Microelectronics Assurance and Microelectronics Assistant Director at the Department of Defense Office of the Assistant Secretary of Defense for Research & Engineering, where he established the Microelectronics Innovation for National Security and Economic Competitiveness (MINSEC) program and served as a representative to the DoD on the NSC sub-PCC for semiconductors.