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Dr. Andrea Alù is an Assistant Professor at the University of Texas at Austin. He received his Ph.D. in Electrical Engineering from the University of Roma Tre in Rome, Italy, in 2007 and has been working in the fields of metamaterials and plasmonics since 2001 at the University of Roma Tre and at the University of Pennsylvania, Philadelphia, U.S.A. He has received several international awards in recognition of his research achievements, including the L. B. Felsen Award for Excellence in Electrodynamics, the SUMMA Graduate Fellowship in Advanced Electromagnetics and three URSI Young Scientist Awards.

Dr. Alù's research specializes in electromagnetic metamaterials and plasmonics, with applications spanning microwaves, infrared and optical frequencies, including nanooptics and nanophotonics, cloaking and transparency, nanocircuits and nanostructures modeling, miniaturized antennas and nanoantennas. His research has significantly contributed to the fields of plasmonic cloaking, optical nanoantennas and nanocircuits and to the theory and modeling of metamaterials. He has published more than 80 journal papers and 11 book chapters, and he holds three patents in the field of metamaterial EM applications.