

Dr. Tom Macdonald

Assistant Division Head, Communications Systems Division
MIT Lincoln Laboratory

Dr. Thomas G. Macdonald is the Assistant Head of the Communications Systems Division at MIT Lincoln Laboratory. He helps direct a portfolio of efforts addressing communications for national security. This portfolio includes architectural studies and analyses as well as advanced prototypes for milsatcom, tactical networking, and laser communications systems. Dr. Macdonald has had Group leadership roles in all three areas at the Laboratory and served in a technical leadership role in the Air Force under the Intergovernmental Personnel Act.

In 2010, Tom was awarded the Armed Forces Communications and Electronics Association (AFCEA) Meritorious Award for Engineering, and in 2013 he received the Outstanding Young Alumni Award from the College of Engineering and Science at Clemson. He has coauthored two book chapters and has published extensively in conference proceedings and journals. A longtime participant in IEEE activities, he served in chair roles for IEEE Military Communications Conferences three times.

Dr. Macdonald holds a BS degree from Clarkson University and MS and PhD degrees in electrical engineering from Clemson University.