

Electro-magnetic materials work at AFRL

Robert L. Nelson
Civ USAF AFMC AFRL/RXPSO
Wright Patterson Air Force Base

This presentation will first contain some general introductory information about AFRL's Materials and Manufacturing Directorate. Secondly an overview of a particular example technical area, electro-magnetic metamaterials, is discussed with both a broader context for those not familiar with the topic, and in some detail about what our group is investigating. In particular our group is exploring rf-photonic and all-optical structures.