 **Joshua W. Haines**

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Mr. Joshua W. Haines is the Group Leader in the Cyber Systems  and Operations Group at MIT Lincoln Laboratory.  He is responsible for managing research and development of technology and systems in support of national cyber missions including computer network defense, attack, and exploitation.  Focus areas include system analysis, architecture engineering for robustness and security, development of network-centric cyber systems, automated analysis of network vulnerabilities, red-teaming of DoD programs, and development and deployment of traffic generation and test development for test range environments.   
  
Previously, Mr. Haines was the Chief Engineer for the Transformational Satellite Communications Program at the Air Force Space and Missile System Center.  
  
Mr. Haines received his MS from University of Massachusetts at Amherst in 1999 and his BS from Union College in 1995.