



**Dr. Matteo Rinaldi**  
**Assistant Professor**  
**Department of Electrical and Computer Engineering**  
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Matteo Rinaldi received his Ph.D. degree in Electrical and Systems Engineering from the University of Pennsylvania, Philadelphia, in 2010.

He joined the Electrical and Computer Engineering department at Northeastern University as an Assistant Professor in the Spring 2012 semester.

Dr. Rinaldi's research interests primarily include Micro/Nano Electro Mechanical Systems (MEMS/NEMS) devices with particular emphasis on piezoelectric MEMS/NEMS sensors for physical, chemical and biological detection, Radio Frequency MEMS/NEMS devices, micro/nano fabrication techniques and integration of MEMS/NEMS devices with electronics.

He has authored more than 40 publications in the aforementioned research areas and also holds 7 device patent applications in the field of micro/nano mechanical resonant devices. Dr. Rinaldi was the recipient of the DARPA Young Faculty award class of 2012. He received the Best Student Paper Award at the 2009 and 2011 IEEE International Frequency Control Symposiums. In March 2011 he was awarded with the S. J. Stein Prize for his superior achievements in the field of new or unique materials or applications for materials in electronics.

Dr. Rinaldi has been elected a member of the IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society (UFFC) Administrative Committee (AdCom).