

Research Overview

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Reiskarimian Advanced Integrated µ-Systems (Radius) Lab: <u>http://radiuslab.mit.edu/</u> negarr@mit.edu

Research Thrusts





LPTV Circuit Synthesis using an FIR Filter Approach



Block Diagram and Chip Photo





Harmonic-Resilient RX with Built-In HR at Antenna and BB



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Interference Mitigation in Digital/MIMO mm-Wave Arrays



Radius Lab Group Members

- Postdocs:
 - Mohammad Barzgari
- PhD students:
 - Soroush Araei
 - Shahabeddin Mohin
 - Haibo Yang
 - Sarina Sabouri (co-advised with A. Chandrakasan)
 - Melania St. Cyr



