

1116-32-1017      **Dusty Grundmeier\*** ([deg@math.harvard.edu](mailto:deg@math.harvard.edu)), Dept. of Mathematics, Harvard University, 1  
Oxford Street, Cambridge, MA 02138. *Compressed Sensing and CR Mappings*. Preliminary report.

In this talk we will show how techniques from compressed sensing can be used to compute the minimal embedding dimension for certain CR manifolds into spheres. (Received September 16, 2015)