

1133-41-200      **Radu Balan\*** ([rvbalan@math.umd.edu](mailto:rvbalan@math.umd.edu)), Department of Mathematics, University of Maryland,  
College Park, MD 20742. *An L1 Matrix Factorization*. Preliminary report.

In this talk we analyze several factorizations of a positive semi-definite matrix and associated optimization problems.  
This is a joint work with Kasso Okoudjou (UMD), Joey Iverson (UMD), Anirudha Poria (IIT). (Received July 25, 2017)