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**Carla Farsi\***, Department of Mathematics, University of Colorado, Boulder, CO 90309, and  
**Elizabeth Gillaspy, Antoine Julien, Sooran Kang** and **Judith Packer**. *Spectral triples and wavelets for  $k$ -graphs*. Preliminary report.

In this talk I will report on spectral triples associated to a finite, higher-rank graph  $C^*$ -algebras and the relation between eigenfunctions and wavelets. This is joint work with E. Gillaspy, A. Julien, S. Kang, and J. Packer. (Received August 16, 2016)