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Liz Lane-Harvard* (elaneharvard@uco.edu) and **Tim Penttila**
(penttila@math.colostate.edu). *Strongly Regular Graphs from Generalized
Quadrangles*. Preliminary report.

There are many open problems dealing with strongly regular graphs: proving non-existence for parameters where none are known; proving existence for parameters where none are known; constructing more for parameters where examples are already known. The work surveyed in this talk falls into the last category. Using the collinearity graph of a generalized quadrangle, new strongly regular graphs will be constructed. (Received September 03, 2014)