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**Shihshu Walter Wei\*** ([wwei@ou.edu](mailto:wwei@ou.edu)), Department of Mathematics, The University of Oklahoma, Norman, OK 73019. *Minimal submanifolds,  $p$ -harmonic maps, and geometric flows.*

In this talk, we will study minimal submanifolds,  $p$ -harmonic maps and geometric flows. We'll discuss their natural connections, common features, as well as special features, for example we can employ,  $p$ -harmonic maps to study topics or problems that do not seem to be approachable by ordinary harmonic maps (in which  $p = 2$ ). (Received September 11, 2010)