1145-30-2624 **Stacey Muir*** (stacey.muir@scranton.edu), Mathematics Department, The University of Scranton, Scranton, PA 18510. *Convolutions of Normalized Harmonic Mappings.* Preliminary report.

Recent results on the convolution of two planar harmonic mappings is built on the idea that when the convolution of functions from certain normalized families of mappings, such as half-plane or strip mappings, is locally univalent, then the convolution will possess certain direction-convexity properties. Thusly, much of the latest work on harmonic convolutions centers around establishing conditions on the dilatations of $f_1, f_2 : \mathbb{D} \to \mathbb{C}$ from the families above so that $f_1 * f_2$ is locally univalent. We will discuss how these results are impacted by dilatations that do not fix zero and broaden the families from which f_1 and f_2 are chosen. (Received September 25, 2018)