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Chiu-Yen Kao, Yuan Lou and Wenxian Shen* (wenxish@auburn.edu), Department of Mathematics and Statistics, Auburn University, Auburn, AL 36849. *Two Species Competition Systems with Different Dispersal Strategies*. Preliminary report.

This talk is concerned with the dynamics of two species competition systems with different dispersal strategies, i.e., one species disperses randomly and the other disperses non-locally. In particular, we discuss which strategy is advantageous and present some interesting results and challenging problems. (Received August 25, 2008)