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**Fang Li, Xing Liang** and **Wenxian Shen\*** ([wenxish@auburn.edu](mailto:wenxish@auburn.edu)), Department of Mathematics and Statistics, Auburn University, Auburn, AL 36830. *Spreading Speeds and Semi-Wave Solutions of Diffusive KPP Equations with a Free Boundary in Time Almost Periodic Environments*. Preliminary report.

The current talk is concerned with spreading speeds and semi-wave solutions of diffusive KPP equations with a free boundary in time almost periodic environments. It first discusses the criteria for the spreading to occur in such equations. It then provides a characterization of the spreading speeds and shows the existence of almost periodic semi-wave solutions in the case that the spreading occurs. It should be pointed out that the spreading may not occur in diffusive KPP equations with a free boundary. This talk is based my joint work with Fang Li and Xiang Liang. (Received January 31, 2015)