1077-46-2092 **Prahlad Vaidyanathan*** (`pvaidyan@math.purdue.edu`), Department of Mathematics, Purdue University, 150 N. University Street, West Lafayette, IN 47906. *E-theory for Continuous Fields of C* algebras.* Preliminary report.

We define the E-theory for continuous fields of C* algebras over a locally compact, Hausdorff space and explain its basic properties. We compute the E-theory for various types of continuous fields of C* algebras, including a new result for the so-called sky-scraper algebras. We also provide a context for these results within the broader classification program for C* algebras. (Received September 21, 2011)