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Kelly McKinnie*, Department of Mathematics - MS 136, Rice University, 6100 S. Main St., Houston, TX 77098, and **Eric Brussel** and **Eduardo Tengan**. *Indecomposable division algebras in the Brauer group of $\mathbb{Q}_p(t)$* . Preliminary report.

A division algebra over a field is decomposable if it is isomorphic to the tensor product of two subalgebras of positive degree. In this talk I will discuss the existence of indecomposable division algebras over various fields, including new examples over $\mathbb{Q}_p(t)$ with exponent strictly less than index. (Received February 09, 2009)