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**Allan P. Donsig** and **David Milan\*** (dmilan@uttyler.edu). *Finitely Aligned Semigroupoids and Tight  $C^*$ -algebras*. Preliminary report.

Exel defined semigroupoid  $C^*$ -algebras as a class including graph algebras and generalizations such as higher-rank graph algebras. He showed in the singly aligned case that these algebras are the tight algebras of inverse semigroups. We extend his construction to the inverse semigroup  $S$  of a finitely aligned semigroupoid and give a correspondence between representations of the semigroupoid and tight representations of  $S$ . (Received September 18, 2013)