

C^* -algebras associated to right LCM semigroups

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I will discuss a class of semigroups generalising the quasi-lattice ordered semigroups of Nica, and present uniqueness results for the associated full semigroup C^* -algebra in the sense of Li. The uniqueness results are modelled on the Laca–Raeburn strategy of proof in the quasi-lattice ordered case, and I will highlight what sort of new difficulties arise in the presence of non-trivial units in the semigroup.

This is joint work with N. Brownlowe and N. Stammeier.

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