**BERNDT BRENKEN**, University of Calgary

*Universal C\*-algebras of \*-semigroups and the C\*-algebra of a partial isometry*

A structure of the C\*-algebra of a partial isometry is described in terms of a Cuntz-Pimsner C\*-algebra associated with a C\*-correspondence; this can be viewed as a form of crossed product C\*-algebra for an action by a completely positive map on a non-unital C\*-algebra. The C\*-algebras involved occur as universal C\*-algebras associated with contractive \*-representations, and complete order \*-representations, of certain \*-semigroups.