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Andrew Ranicki* (a.ranicki@ed.ac.uk), School of Mathematics, University of Edinburgh,
Edinburgh, EH9 3JZ, Scotland. *On the Cappell UNil-groups.*

Cappell introduced the UNil-groups in 1974, as the algebraic L-theory obstruction groups for the codimension 1 splitting of homotopy equivalences of manifolds. The talk will survey the progress in our knowledge of these groups in the intervening 34 years, which are still somewhat elusive. (Received February 05, 2008)