Algebra and Number Theory Seminar

Andreas Kendziorra (University College Dublin, Claude Shannon Institute)

will speak on

Finite simple semirings

Mon 19th September 2011 at 4:00PM

Location: Mathematical Sciences Seminar Room

Abstract: Chris Monico showed in 2004 that for a classification of all finite simple semirings, it will be sufficient to classify all finite simple additively idempotent semirings. In this talk, we try to characterize every finite simple additively idempotent semiring as a semiring of join-morphisms of a semilattice. We succeed in doing this for a large class of semirings, however some very specific structures are not covered by our approach. These will also be discussed in the talk.

This talk is part of the **Algebra and Number Theory** series. For more, see
https://maths.ucd.ie/seminars