

El miércoles **1 de junio** de 2016 a las **12:30** en el **Seminario de Álgebra** el profesor **Pere Ara**, de la **Universidad Autónoma de Barcelona**, impartirá la conferencia cuyo título y resumen siguen.

TITULO: Reconstruction of graded groupoids from graded Steinberg algebras.

RESUMEN: We show how to reconstruct a graded ample Hausdorff groupoid with topologically principal neutrally-graded component from the ring structure of its graded Steinberg algebra over any commutative integral domain with 1, together with the embedding of the canonical abelian subring of functions supported on the unit space. We deduce that diagonal-preserving ring isomorphism of Leavitt path algebras implies C^* -isomorphism of C^* -algebras for graphs E and F in which every cycle has an exit.

This is a joint work with Joan Bosa, Roozbeh Hazrat and Aidan Sims.
