1056-18-1036   **Leandro Marin*** (`leandro@um.es`), Departamento de Matematica Aplicada, Facultad de Informatica., Campus de Espinardo., 30071 Murcia, Murcia, Spain. *Leavitt Algebras and Categories of Modules for Nonunital Rings.* Preliminary report.

It will be presented the strong connections between the Leavitt algebras and nonunital rings, in particular it will be proved that the $k < X >$-modules that satisfy the Sato property are exactly the firm modules over some special nonunital rings. It will be presented also the structure of these categories of modules and their topological description. (Received September 20, 2009)