Populations of High Energy Sources in Galaxies
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Microquasars

F. Mirabel

European Southern Observatory, Santiago, Chile
fmirabel@eso.org

Abstract. I will review the discovery of microquasars and their importance in our understanding of High Energy Sources in Galaxies.

Discussion

Bosch-Ramon: Comment: There is a recently uploaded paper to astro-ph by Casares, Ribó *et al.* pointing to LS5039 as harbouring a black-hole.

Clavel: Could Micro-QSOs be the sources of Ultra-high energy Cosmic Rays ($\geqslant 10^{19.5}$ eV), which we know cannot come from AGNs, since they interact with CMB photons on a length scale <20 Mpc?

Mirabel: No model has been developed to produce 10^{20} eV particles by microquasars.

Ward: In terms of the prospects of testing the idea that some ULXs might be related to micro-quasars, what range in values of L_x/L_{radio} do the models allow?

Mirabel: From the L_x/L_{radio} we expect radio fluxes below present detection limits. Microquasars could be detected but a lot of observing time would be required.