

**SUPER-MASSIVE BLACK HOLE ESTIMATE USING SPECTO-POLAROMETRIC
OBSERVATIONS**

Luka Č. Popović

Astronomical Observatory, Volgina 7, 11060 Belgrade, Serbia

Here we discuss a method for super-massive black hole estimates using spectro-polarometric observations. Using the fact that the polarization angle in the case of equatorial polarization depends only on the velocity field in the region around a super-massive black hole, we find that this can be used for confirmation of Keplerian emission gas motion, and consequently for the super-black hole mass estimate."