Abstract for:
Radio Astronomy at 70: from Karl Jansky to microjansky, JENAM 2003
Symposium

Radio Astrometry at 24 and 43 GHz

and the K-Q VLBI Survey Collaboration

We describe the goals and initial results of a collaboration formed to survey extragalactic
objects at radio frequencies at 24 and 43 GHz. This survey is for extending the
International Celestial Reference Frame (ICRF) that is the current coordinate system for
astrometry and it is the angular inertial frame of deep space navigation. In principle, the
extension should lead to a more stable reference frame. We report upon our initial three
24-hour observing sessions involving about 100 radio sources at the VLBA.