



Contribution ID: 84

Type: **Poster Presentation**

## VLBI sources in optical and radio

*Monday, 14 March 2016 17:00 (1 hour)*

Until now, the main criteria for selecting geodetic sources were based on astrometric stability and structure at 8 GHz [Fey et al., 2015]. Other physical characteristics, especially at other wave-lengths, including the optical, should also enter the selection procedure. To this aim, we propose to summarize all known physical characteristics, thanks to the use of three different catalogs : the Large Quasar Astrometric Catalogue [Souhay et. al., 2015], the Radio Fundamental Catalogue (Petrov, <http://astrogeo.org/rfc/>) and the Optical Characteristics of Astrometric Radio Sources [Malkin, 2013]. We also bring radio stability criteria derived from our own VLBI analysis. With

such a compilation, we may identify new criterion for geodetic VLBI targets.

**Primary author:** Mr GATTANO, César (SYRTE - Observatoire de Paris)

**Co-authors:** SOUCHAY, Jean (SYRTE - Observatoire de Paris); Dr LAMBERT, Sébastien (SYRTE - Observatoire de Paris)

**Presenter:** Mr GATTANO, César (SYRTE - Observatoire de Paris)

**Session Classification:** Poster4-6

**Track Classification:** 5: Geodetic and Astrometric VLBI Results