

Gaia as a Tool for EChO Target Selection and Characterization

A. Sozzetti

I will outline the two-fold impact of the Gaia astrometric survey on the science of EChO in terms of a) accurate re-calibration of all planet hosts observed by EChO via Gaia's extremely precise direct distance estimates, and b) delivery of a large sample of thousands of intermediate separation giant planets around stars of all spectral types, ages, and metallicities, some of which might be transiting and could thus directly contribute to populate the EChO target sample.