



Contribution ID: 17

Type: **Poster**

## **Photometric/astrometric classification of QSOs using machine learning algorithms**

*Friday, 25 March 2022 16:05 (1h 40m)*

Quasars are manifestations of accreting supermassive blackholes in the centers of galaxies. It is currently uncertain how many quasars there are as quasar selection is known to be biased and incomplete. In this work we use a novel more unbiased quasar selection technique based on machine learning to reach a more reliable and complete census of quasars in a large section of the sky around the northern galactic pole.

### **Supervisor**

Johan Peter Uldall Fynbo

### **Field of study**

Astrophysics

**Primary authors:** Mr MAGEIRAS, Ioannis; Ms KOUKOUVAOU, Marina

**Presenters:** Mr MAGEIRAS, Ioannis; Ms KOUKOUVAOU, Marina

**Session Classification:** Poster session