

Fink broker enabling time-domain science with LSST

mercredi 26 mai 2021 09:30 (25 minutes)

We will present the Fink broker which has been designed to ingest, enrich and filter the VRO LSST public alert stream. Within minutes, it can select promising transients by providing preliminary classifications and combining information from multiple channels (multi-messenger and multi-wavelength surveys and catalogues). It can also communicate these candidates to teams and follow-up facilities. We will present an overview of Fink, its aim to enable different science goals, the technology behind it and its current status.

Auteurs principaux: Dr MÖLLER, Anais (CNRS / LPC Clermont); Dr PELOTON, Julien (CNRS-IJCLab); Dr ISHIDA, Emille (LPC-UCA)

Orateurs: Dr MÖLLER, Anais (CNRS / LPC Clermont); Dr PELOTON, Julien (CNRS-IJCLab); Dr ISHIDA, Emille (LPC-UCA)

Classification de Session: Session