



# UCD Status

## new requests for UCDs

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Mivot serialisation for PhotDM, M.Louys, DM WG, IVOA interop Oct 2022



# □ Request for Ambient terms

- from A. Micol, describing the ambient parameters at ESO VLT .
  - see working list circulated on the ivoa semantics list
    - > UCD\_List\_AmbientParams-annotatedOct22.ods
- most terms have restricted definitions to atmospheric parameters
- > *obs.atmos* prefix chosen



# □ First proposal

## Proposed new UCDS

New ucd candidate	Syntax code	Description
obs.atmos.humidity	Q	Humidity of the atmosphere
obs.atmos.rain	Q	Rain intensity
obs.atmos.turbulence	Q	Related to atmospheric turbulence
obs.atmos.turbulence.cn2	Q	Cn2 parameter for atmospheric turbulence
obs.atmos.isoplanatic	Q	Isoplanatic angle of the turbulence
obs.atmos.water	Q	Amount of water in the atmosphere
obs.atmos.wind	Q	Relative to wind in the atmosphere
obs.coherence	S	Coherence of observations
phys.temperature.dew	Q	Dew temperature



# □ New terms for GW metadata

- Request from Pierre Chanial for LIGO/Virgo data sets
  - ▶ next iteration for UCDFList\_1-6\_RFM page : in progress

