

Antares

Now running >13 years, and still delivering steady flow of results.

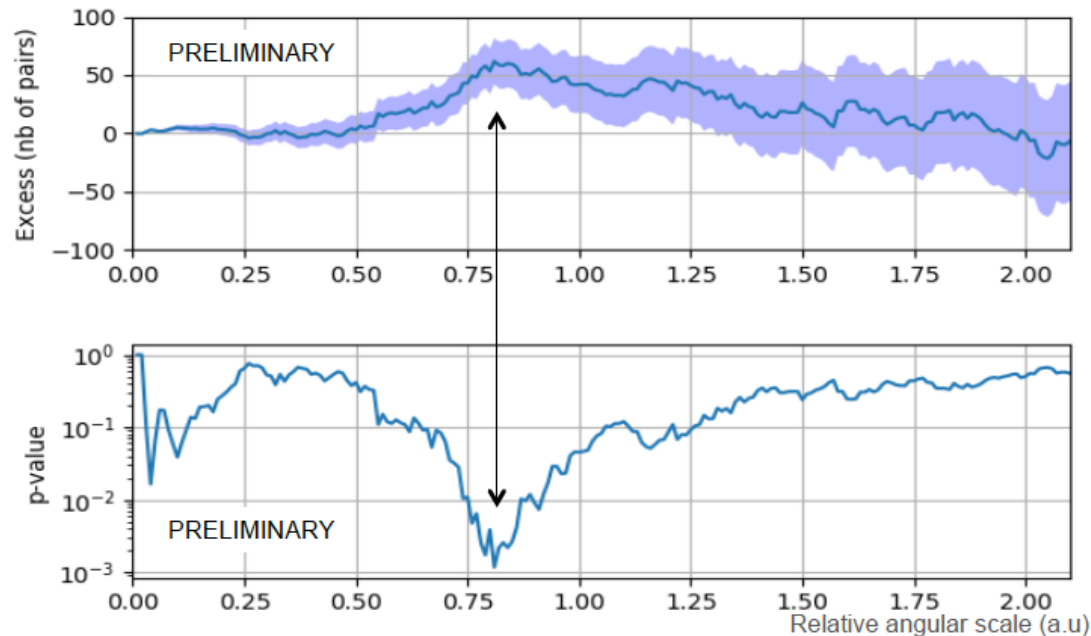
Recently: point source search using astrophysical catalogs.

Most excess (i.e. incompatibility with bg) in association of ν with radio galaxies.

More particular: ongoing correlation analysis with radio blazars.

Excess $O(2\sigma)$ on angular scales compatible with Antares resolution.

A similar correlation is seen in public IceCube data (ApJ **908** (2021) 157).



Dorothea Samtleben co-convener of Antares astronomy group.

Also exciting: claims of correlations of IceCube HE neutrinos with two Tidal Disruption Events.

KM3NeT

New management team:



Paschal Coyle: spokesperson
Rosa Coniglione: deputy
Aart Heijboer: physics & software manager
Miles Lindsey Clark: technical project manager

6 ORCA DU's now taking data > 1 year; at least 7 more DU's + calibration unit in 2021. Data analysis in progress.

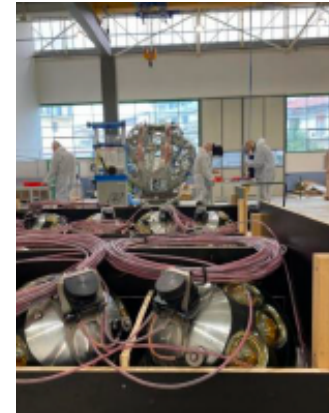
But all eyes on ARCA in 2021:



second cable to shore

April: new
junctionbox
+ 5 (+1) DU's

Fall: +12 DU's



Marie-Curie fellowship for postdoc Alfonso Garcia Soto.

Newcomb Cleveland Prize for ASKAP team on Fast Radio Burst paper in Science, including Mieke Bouwhuis.

Recent papers: supernova neutrino detection sensitivity, event reconstruction with ML techniques

technical: DU deployment with unrolling (Hans van Haren, Edward Berbee, Els de Wolf (Paul Kooijman))