

# TDE Meeting Notes 2021-07-28

## Scanning: Jean

ZTF21abjzahu – in the box, but possibly offset.

ZTF20abnvirk – AGN? Missed the rise. Some detections ~1 yr ago.

ZTF21abhrchb – fading, slightly brighter than 19.

ZTF21abiggqx – fading/plateaued. Dimmer than 19. Possibly cooling. Blue-ish faint host.

Probably SN?

ZTF21ablvci – only a few detections, dimmer than 19.5, host is in merger.

ZTF21abneefx – rising, blue, dim. Maybe we should monitor?

## Yuhan: offset for ZTF21aaxtqvj

Shri: learn Fillipenko's paper

Sjoert: can lean tractor

## Shri: Update on collaboration with Russians

Doing better than before

eRASS2 TDE first paper

## Sjoert's paper update

*Establishing accretion flares from massive black holes as a major source of high-energy neutrinos*

High energy neutrinos have thus far been observed in coincidence with three accreting SMBHs

TXS 0506+056: aa gamma-ray flare blazar

AT2019dsg: TDE

AT2019fdr: active galaxy

Sjoert proposed a unified scheme: neutrinos are from accretion onto SMBHs that reaches the Eddington limit

Will share overleaf doc tonight or tomorrow