

# Understanding the inner accretion flow of AGN using X-ray spectral timing

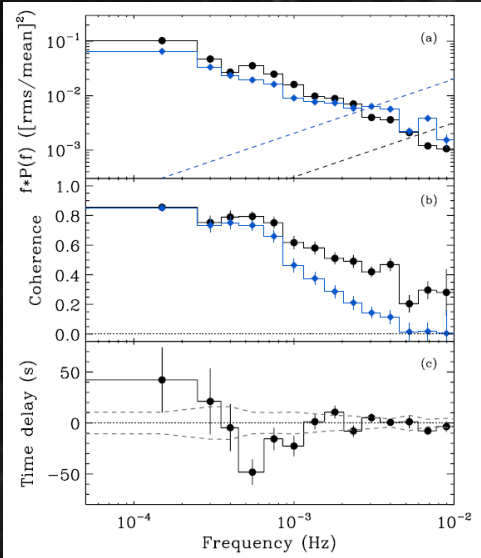
**William Alston**

Andy Fabian, Erin Kara, Julija Markeviciute, Matt Middleton, Michael Parker, Anne Lohfink, Ciro Pinto

# X-ray reverberation

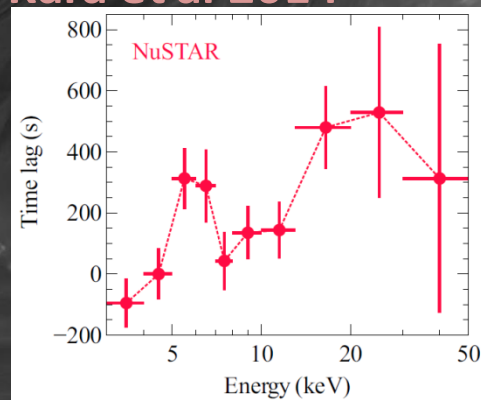
NGC 4051

Alston et al 2013



Swift J2127.4

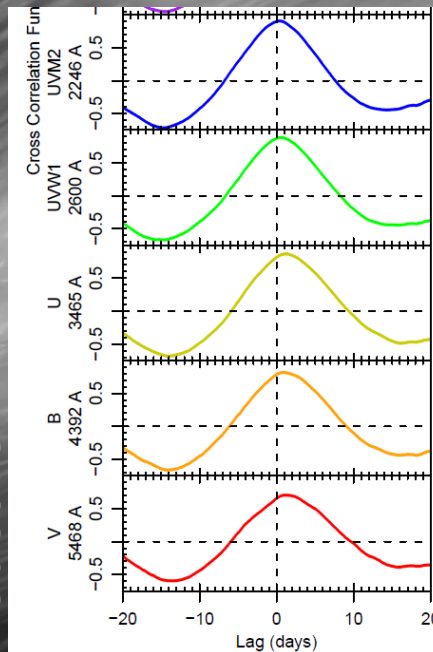
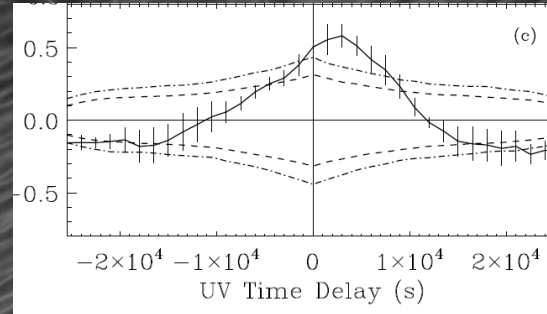
Kara et al 2014



# Correlated UV - X-ray variability

NGC 4051

Alston et al 2013



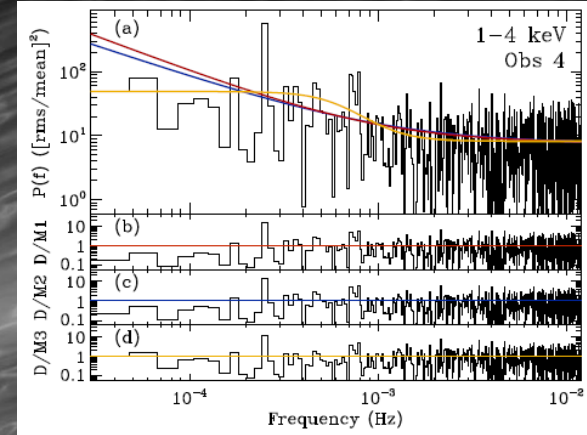
NGC 5548

Edelson et al 2015

# AGN QPOs

RE J1034+396

Alston et al 2014



MS 22549-3712

Alston et al 2015

