

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

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**STRONGGRAVITY**

EU FP7-SPACE research project 312789

2013 - 2017

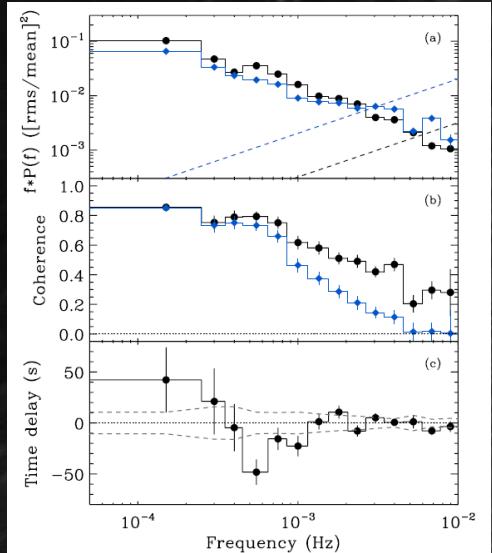
Southampton  
**15/06/15**

 *Cambridge*  
**X-Ray Astronomy**

## X-ray reverberation

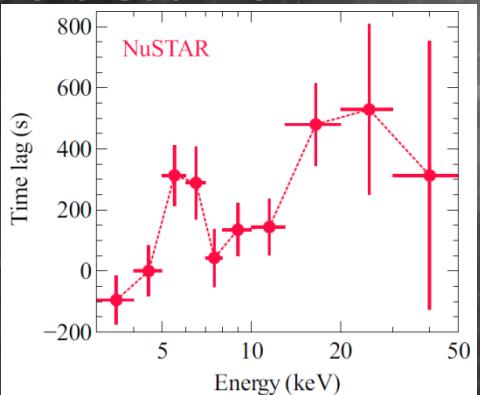
NGC 4051

Alston et al 2013



Swift J2127.4

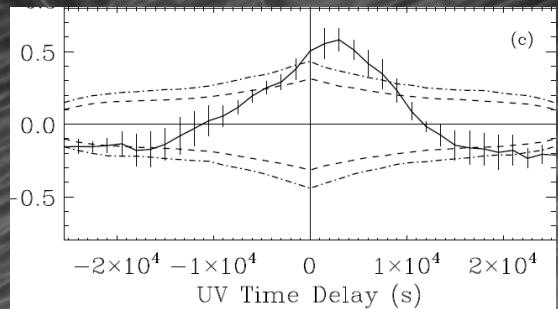
Kara et al 2014



## Correlated UV - X-ray variability

NGC 4051

Alston et al 2013



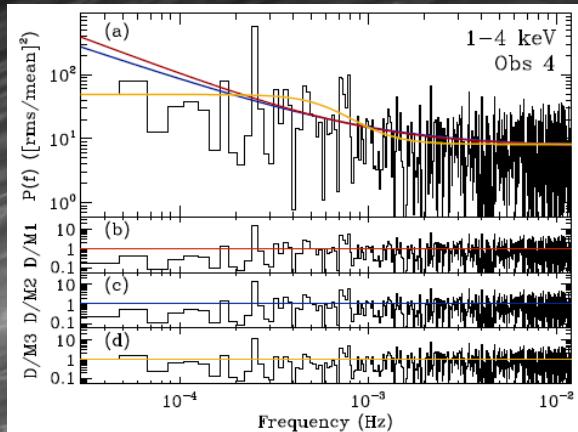
NGC 5548

Edelson et al 2015

## AGN QPOs

RE J1034+396

Alston et al 2014



MS 22549-3712

Alston et al 2015

