

## Adaptive e-VLBI observations of radio emitting X-ray binaries

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A group of northern radio emitting X-ray binaries, known to have radio emissions from past observations, have been observed with the new 'adaptive e-VLBI' mode of the e-EVN. We exploit the 'real-time' correlation of e-EVN data, to adapt the observing schedule of the telescopes to follow the transient sources. Two epochs were spaced by  $\sim 48$  hours, with the target(s) of the latter epoch determined by the image results of the former epoch. During the first epoch we imaged, using phase referencing, 16 X-ray binaries with a sensitivity of  $\sim 100 \mu\text{Jy}$  r.m.s. None of the targets were however above the detection limit and thus the second epoch was not necessary. These upper limits are compared with X-ray data from the RXTE All Sky Monitor.

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