

European VLBI Network e-VLBI Observing Opportunities in 2008

Call for Proposals

Special features in 2008 include:

Frequent 24-hour e-VLBI slots for:

- classes of triggered transients
- regular source monitoring
- any normal continuum or spectral line observations
- short pilot experiments

Improvements to facilitate Target of Opportunity observations

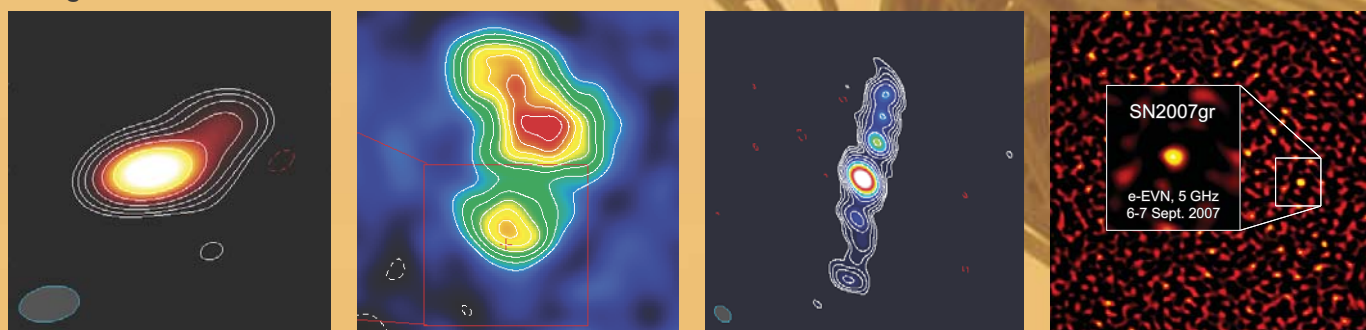
User support for e-VLBI observations, including scheduling and rapid analysis pipeline

Real-time correlation with data rates up to 512 Mbps

Participation of six stations in real-time with more telescopes expected to come online in 2008, providing further enhancements of sensitivity and resolution

During e-VLBI experiments, telescopes are connected to the correlator in real-time. This provides the user with almost immediate access to the data.

Images from e-VLBI observations in 2006 and 2007



From left to right: 3C454.3, the first five station 512 Mbps image; Cygnus X-3, Tudose et al., MNRAS 2007, 375.1, L11; J00000+4054, the first six station 512 Mbps image; SN2007gr, Paragi et al., ATel #1215.

Proposal deadlines

1 February

1 June

1 October

For details, consult the call for proposals posted three weeks before each deadline:

www.evlbi.org/evlbi/call_evlbi.html

For questions about e-VLBI technique and observing opportunities, email:

support@expres-eu.org

www.evlbi.org

www.expres-eu.org

www.jive.nl

