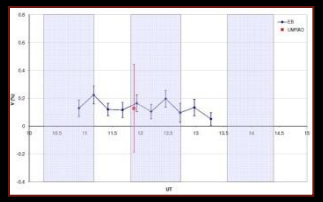
Full Stokes Polarimetry Science Collaboration

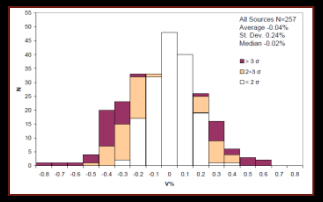
Bonn, May 26th 2010

Preamble

Full Stokes polarimetry implemented at Effelsberg



Typical accuracy of 1 mJy after 10-15 min integration time

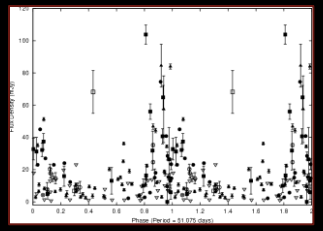


So far single continuum observations from AGNs in the range 2.8 – 10.8 GHz

Collect ideas for future proposals/application and further technical studies

Galactic Astronomy

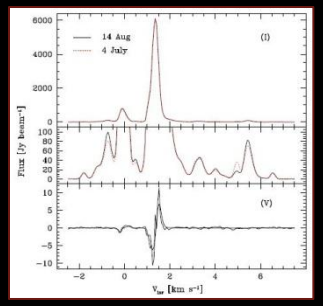
Microquasars and Radio Stars



Maria Massi

Eduardo Ros

Multi –Frequency Full Stokes Observations

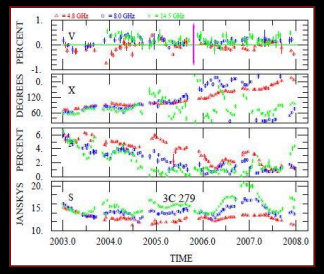


Wouter Vlemmings

Spectropolarimetry
Zeeman Splitting

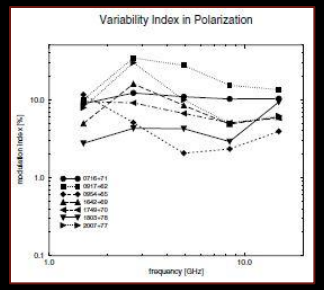
Extragalactic Astronomy

Variability from AGNs



Hugh Aller
Margo Aller

Monitoring Program with the UMRAO and Effelsberg



Thomas Krichbaum (et al.)

Inter/Intra-Day Variability

Techniques

Alex Kraus
Elena Cenacchi

High Frequency Polarisation at Effelsberg

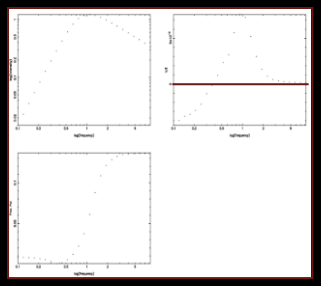
Karl-Heinz Mack
Thomas Krichbaum

Full Stokes Polarimetry at 25-32 m Telescopes

Daniele Dallacasa
Elena Cenacchi

LP/CP Interferometric Studies (WSRT – VLA)

Theory and Modeling



Philip Hughes

The RadtranS Code

Discussion