

# GerFest

View from a [co-]labourer



# What is Gerfest?



[Gerfest dragon](#)  
by [Ojanassassin](#)

# Collaborator or [co-]labourer

## **col·lab·o·rate**

- 1.** To work together, especially in a joint intellectual effort.
- 2.** To cooperate treasonably, as with an enemy occupation force in one's country.

# Looking for a job ...

- Wil men de weinige in Nederland werkzame sterrekundigen, die waarnemingen doen met de WSRT, niet reduceren tot gegevens verzamelaars ("waterdragers") voor buitenlandse theoretici, dan is het gewenst dat bij de toewijzing van waarneemtijd een veel groter gewicht wordt toegekend aan het begrip "sterrekundigen-tijd" dan aan het, vaak financieel gewaardeerde, begrip "telescoop-tijd".

# Polarisation comment (AGdB1976)

“Until now no definite detection of polarization has been reported . In M 51, Mathewson et al. (1972) found some indications of linear polarization. Wardle and Sramek (1974) have put very small upper limits to the integrated linear polarization of four spiral galaxies

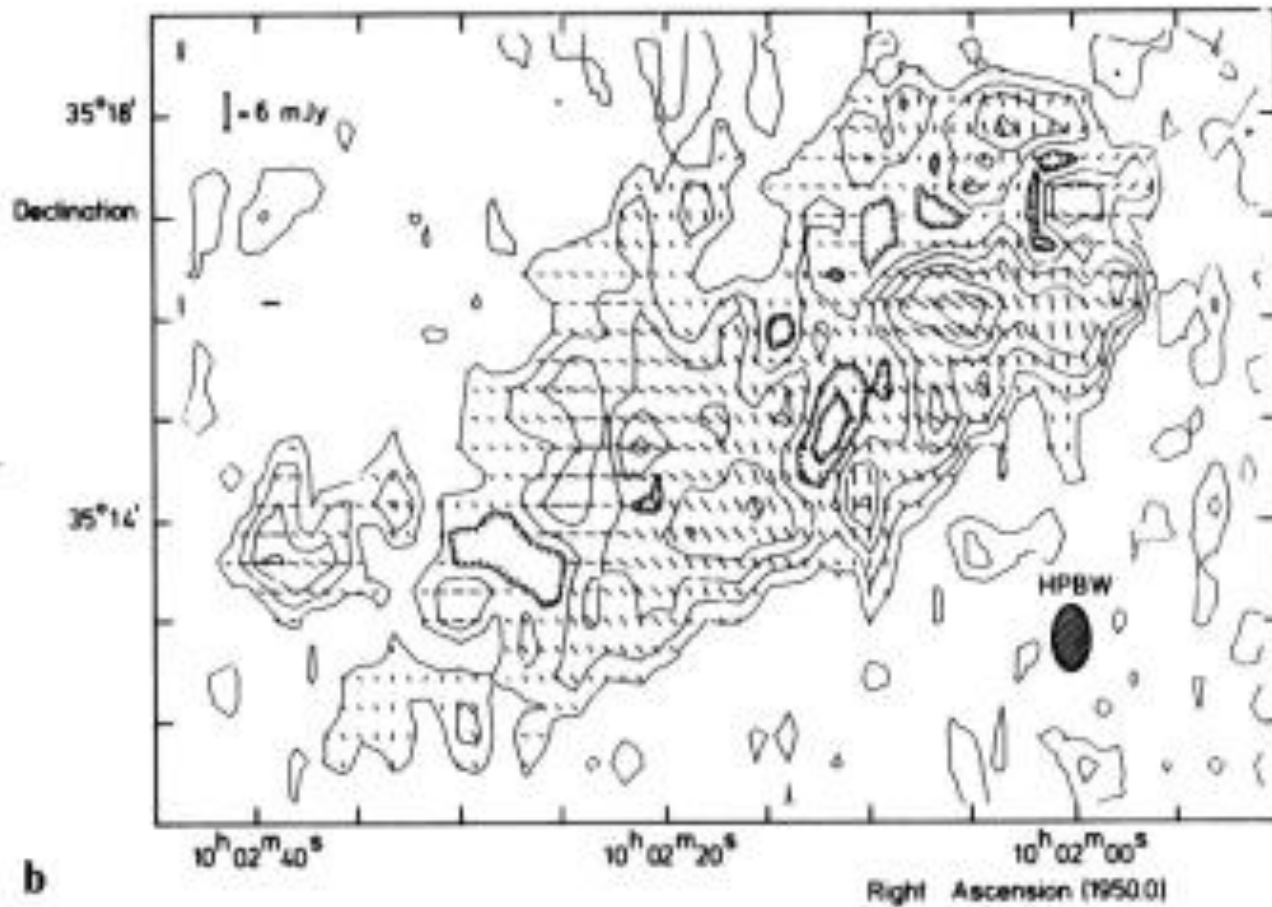
**It seems therefore that in the near future no extensive mapping of the magnetic field in the disk of spiral galaxies can be expected.”**

# Mathewson et al. (1972)

M51:

- “Linear polarization is detected in their (*i.e. spiral arms*) emission which confirms that their origin is due to the synchrotron mechanism.”
- “Several discrete sources are resolved from the spiral arm emission and all are identified with HII regions. One of them is a supernova remnant candidate as its emission is too strong to be thermal in origin and it is linearly polarized.”

# 3c236 1978 (Strom & Willis)



# 1976 DR

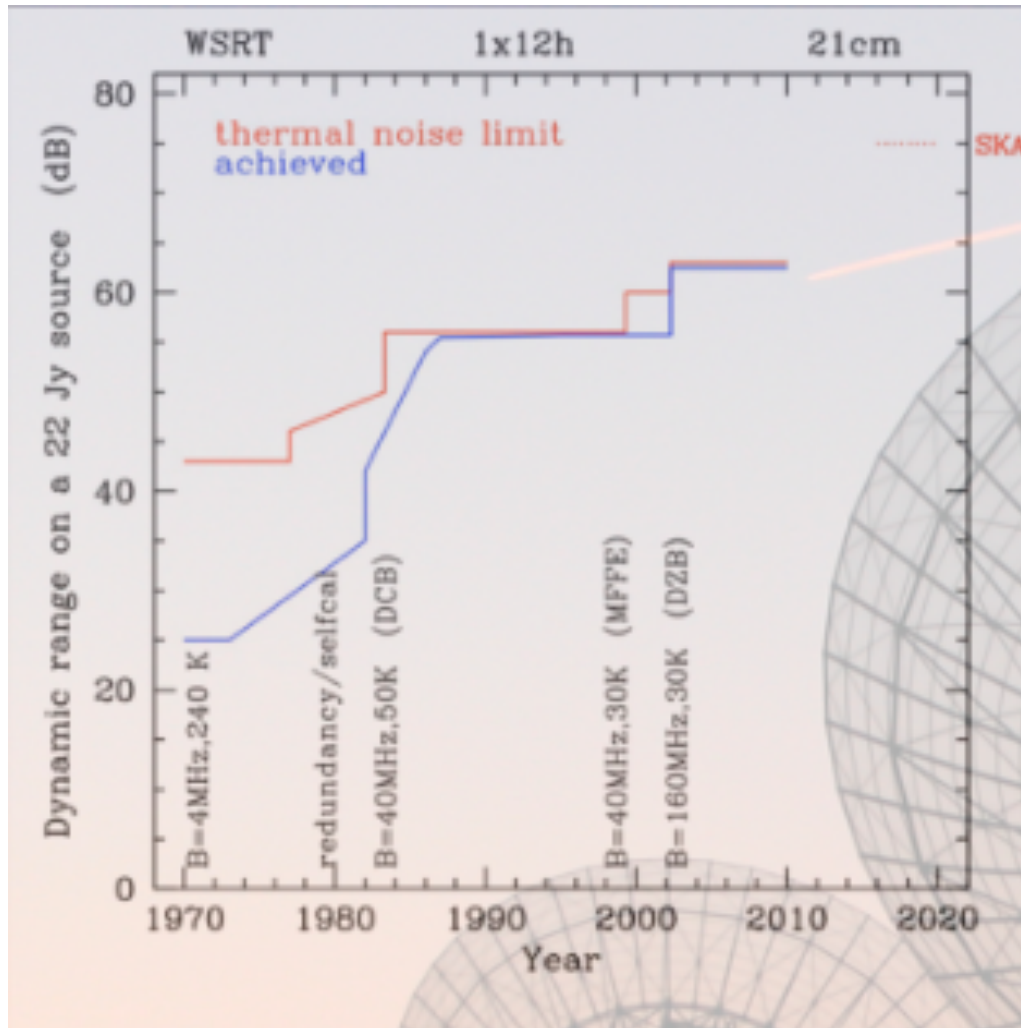
“These sidelobes can , near strong point sources or steep intensity gradients, significantly distort the true brightness distribution. Since this is to some extent the case at 21 cm, we have used the clean-technique mentioned earlier to correct the map for these effects The ultimate accuracy to which this can be done reliably is determined by the dynamic range in the data (see e.g. Miley, 1975). At 21 cm this is somewhat greater than 100, which is more than twice as large as the peak flux density in the galaxy divided by the r.m.s. noise in the map.”



# Redundancy (3)

- 1973: Hamaker , decomposition redundant delay measurements
- 1977: Hamaker, O'Sullivan, Noordam: Image sharpness and redundant baseline interferometry
- 1980: redundancy calibration software
- 1981: Nature, Noordam & de Bruyn
- 1982: Jeeves cookbook
- 1984: Brouw, Linobs redundancy corrections
- 1984: Ardenne Local Oscillator noise limit in redundancy – not issued Note
- 198\*: R-series
- 1988: (annual report) AGdB updated redundancy cookbook (???)
- 1991: N-series == Newstar
- 1991: Wieringa, thesis
- 1995: theory from outside (Caltech e.g.)
- 2013: LOFAR (Noorishad)

# Oct 2010 status DR



# Drenthe->EU->World



# EC development

“Het feit dat de negatieve aspecten van de EEG zoveel beter bekend zijn dan de positieve, duidt enerzijds op slechte en eenzijdige voorlichting, anderzijds op het onuitroeibare kleinschalige denkpatroon van het menselijk individu.” (AGdB 1976)

# ¿Quo Vadis?

