

# The study of Magnetic Fields

- Probing the sky with RMs of compact background sources
- Studying resolved synchrotron emitters
- Zeeman splitting
  
- Is CHIME used to study magnetic fields?
- How do we study the evolution and the origin of magnetic fields?

# The study of gas in the Milky Way and nearby Galaxies

- Everybody talks about HI studies. Anybody interested in OH?
- Can OH lines be used to study magnetic fields with Zeeman splitting?
- What about studies of other molecules (see ngVLA)?
- Are there plans to look for new molecular lines?
- Are there projects to do detailed studies of ISM chemistry?