

## Meeting Highlights

- Sunspot Weighting (Thomas, Marco, Leif)
- Comparison of Ri & Ra (Frédéric & Rodney)
- Big spots vs. Small spots (Giuliana & Laure)
- Livingston-Penn Effect (Matt, Pevtsov 1 & 2)
- Effect of Earth's dipole field decrease on regular variation (Ingrid)
- Saul => Paul? (Kalevi)
- Cosmic rays do not strongly constrain GSN vs. ISN (Ilya)
- Historical Sunspot data sets (Andrey, David, José & Rainer)
- Clean reconstruction of GSN agrees with ISN to 1825 (Leif)
- New ROB SSN data base; GSN Extension (Frédéric & Laurence)
- Spatial aspects (Thierry)

# Planning for 3rd SSN Workshop

Tucson: January 2013

## Goals:

- Extend clean reconstruction of GSN to 1700
- Increase pre-20th Century geomagnetic/SSN data bases
- Resolve big spot/small spot & extension of Greenwich spot area controversies (mini- workshop at Sunspot in September 2012)
- Investigate SSN Weighting
- Investigate effect of dipole tilt change on geomagnetic activity
- Initiate digitization and archival efforts (Solar Physics)
- Livingston-Penn update
- Spatial aspects

4th SSN Workshop (Switzerland; September 2013)

- Maunder Minimum