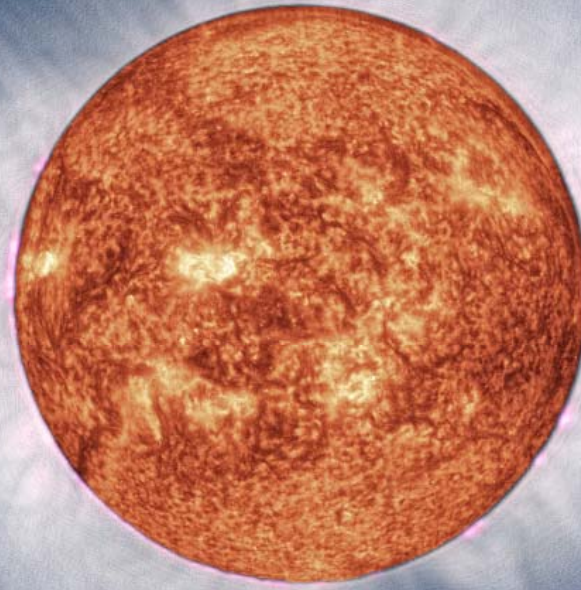


IHY Astronomical research in Slovakia

Vojtech Rušin, Astronomical Institute,
Slovak Academy of Sciences, Tatranská
Lomnica, SLOVAKIA



The Sun - our nearest star – IHY astronomical program in Slovakia

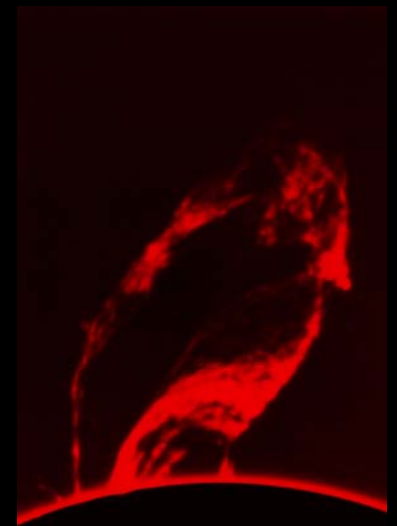
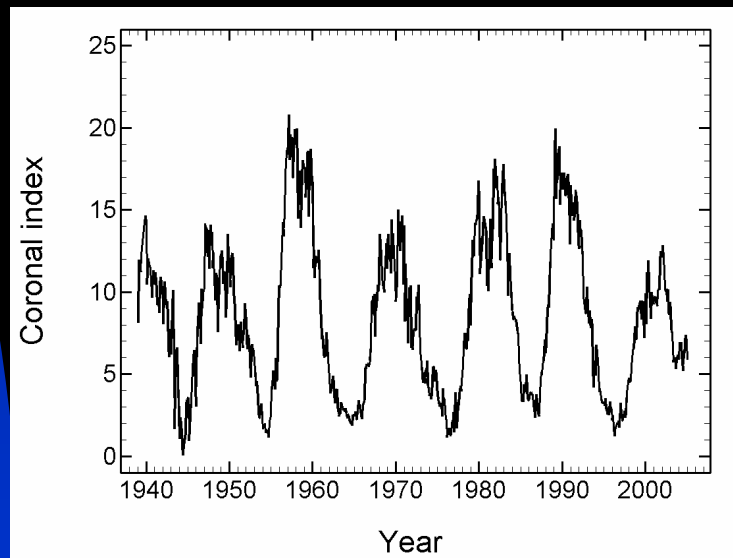
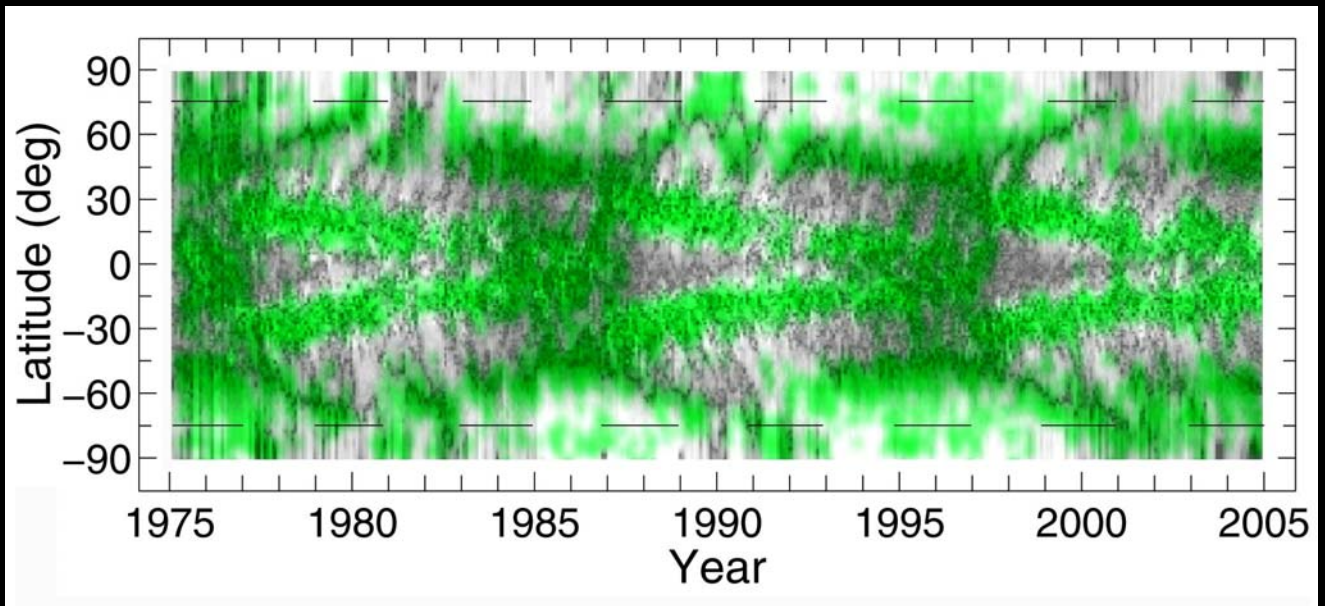
Astronomical Institute, Slovak Academy of Sciences

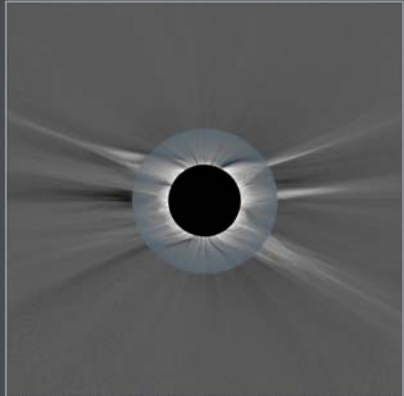
- **Solar physics department**
- Stellar department
- Department of interplanetary matters

**Coronal station at Lomnický Peak: twin
Lyot type coronagraph, D=20 cm, F=4 m**

**Observations: prominences, emission
coronal lines 530.3 nm and 637.4 nm**







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Other solar observatories in Slovakia

- Comenius University at Bratislava (observations of flares and filaments at Modra/Piesky)
- Slovak central Observatory, Hurbanovo (high spectral resolutions of photosphere and chromosphere, prominences)
- Observatory Rimanska Sobota (prominences, sunspots)
- Observatory Presov (sunspots)

Planetaria

- Hurbanovo
- Hlohovec
- Kosice
- Presov
- Ziar nad hronom

Meetings (planned)

- Sun/Earth relations, May 2008, program under discussion
- Many local workshops and meetings, especially for public

Thank you for your attention

- Presented at IHY Workshop in Vienna, February 20, 2007



