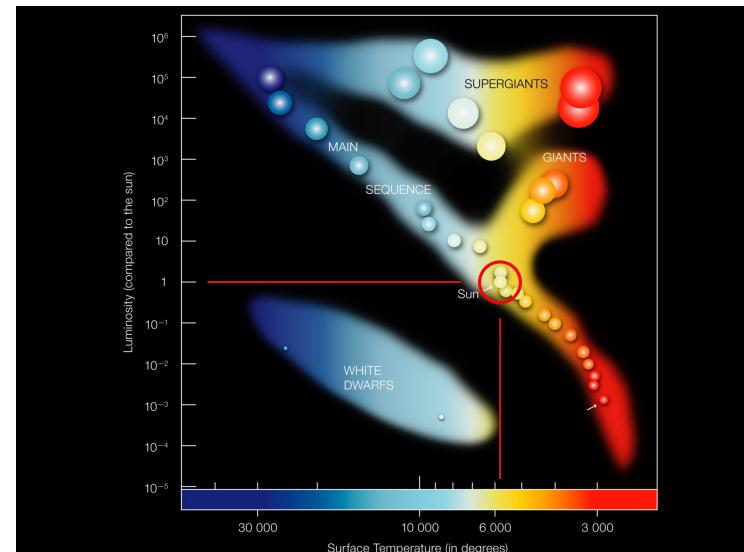
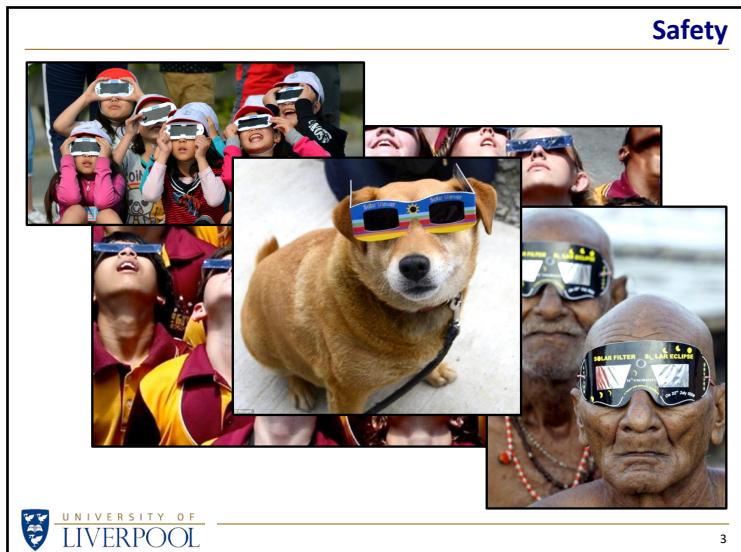
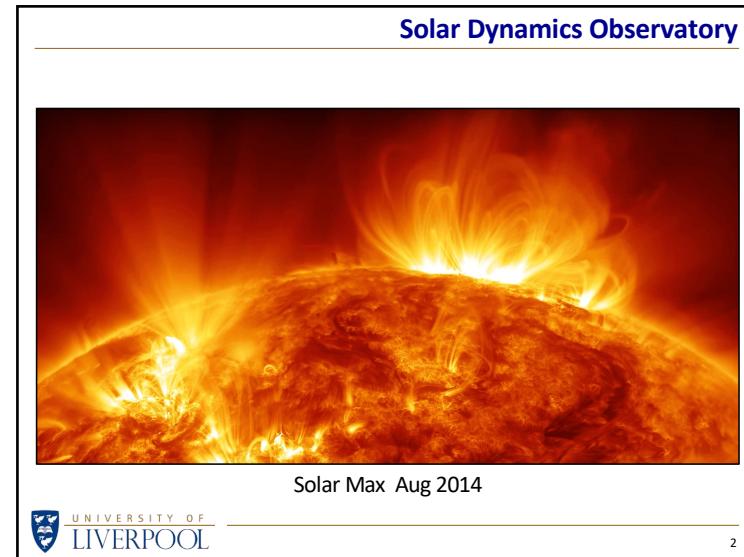
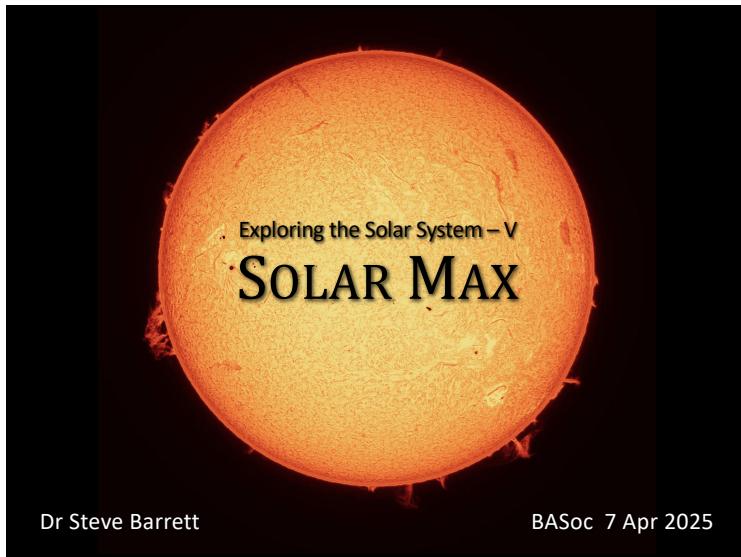
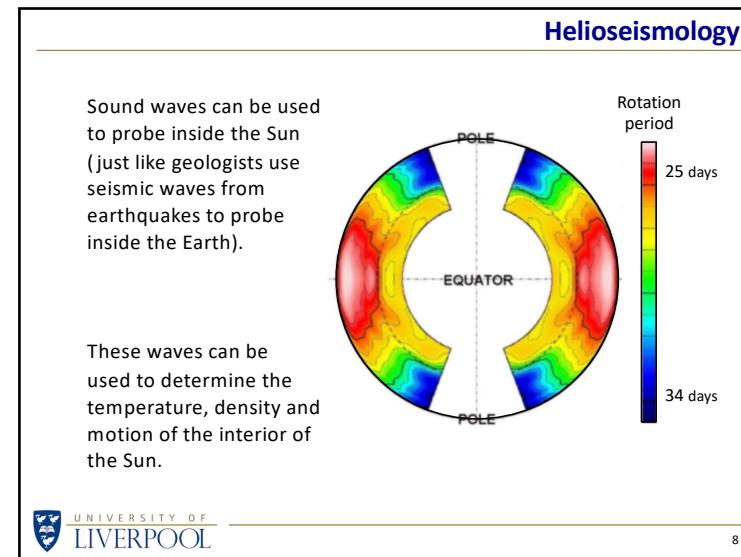
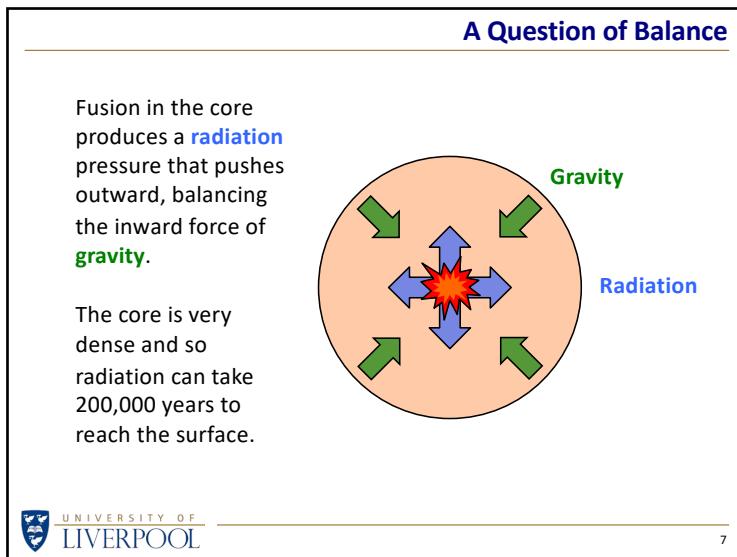
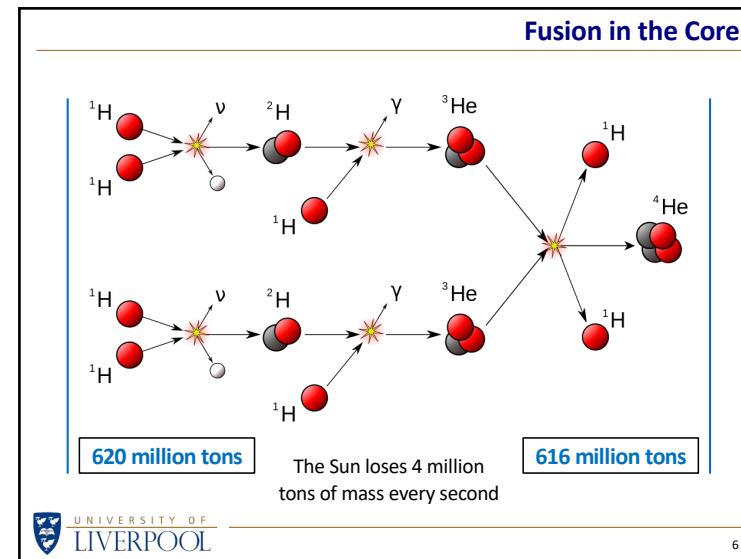
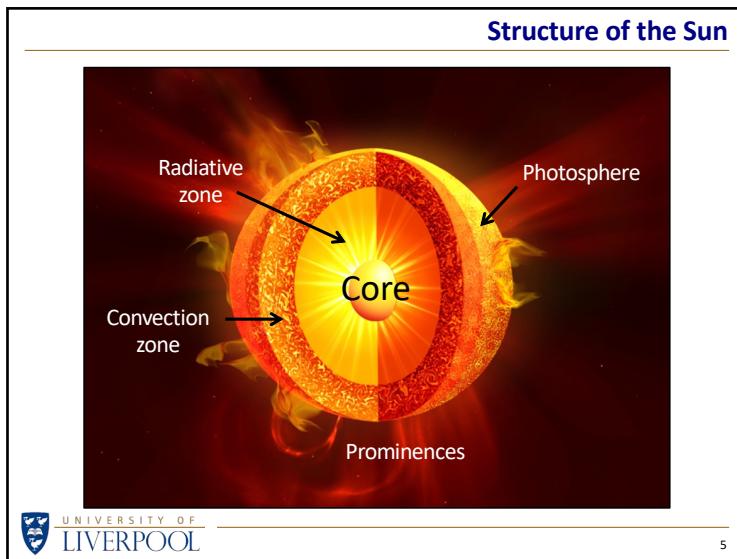


# Exploring the Solar System V – Solar Max



# Exploring the Solar System V – Solar Max



# Exploring the Solar System V – Solar Max

**Photosphere of the Sun**

www.facebook.com/lukasz.sujka.astronomy

CaK 393nm      white light      H-alpha 656nm

UNIVERSITY OF LIVERPOOL

9

**Space Weather**

Coronal mass ejection (CME)

esa

UNIVERSITY OF LIVERPOOL

10

**Aurora Borealis**

Feb 2002

UNIVERSITY OF LIVERPOOL

11

**Sunspot Drawings**

Mercurii

John of Worcester 1128

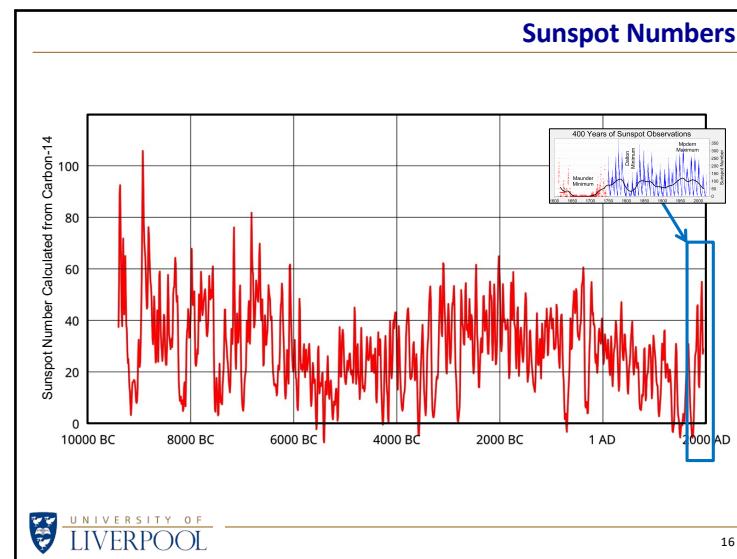
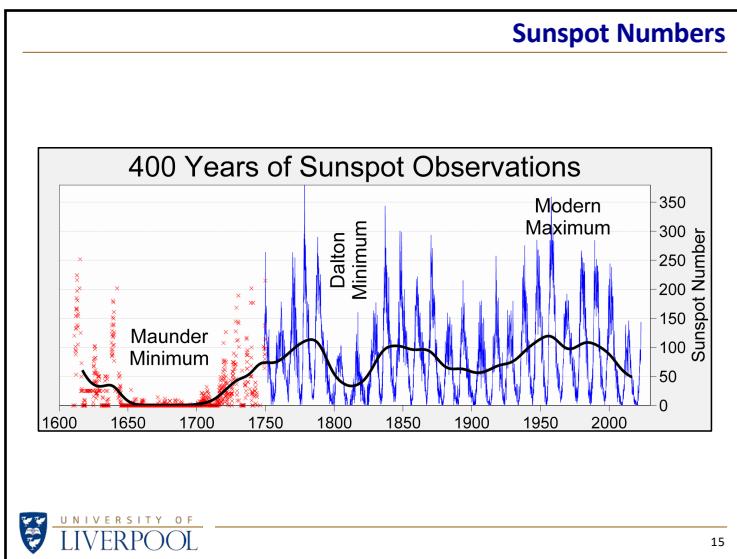
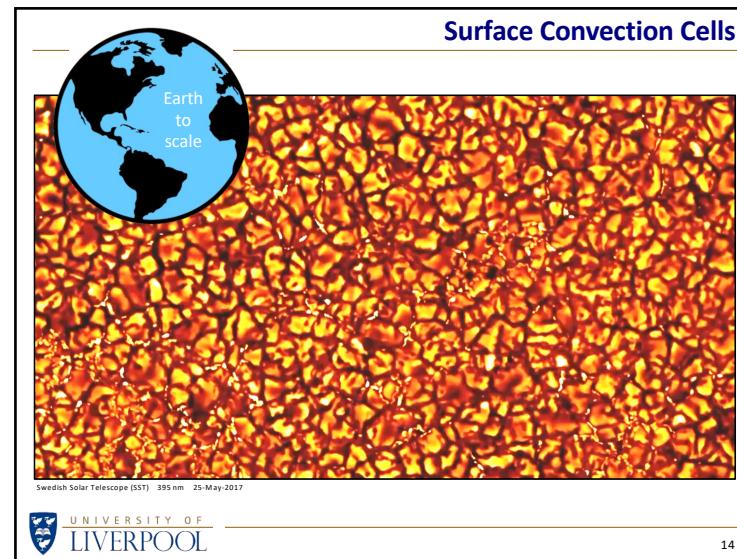
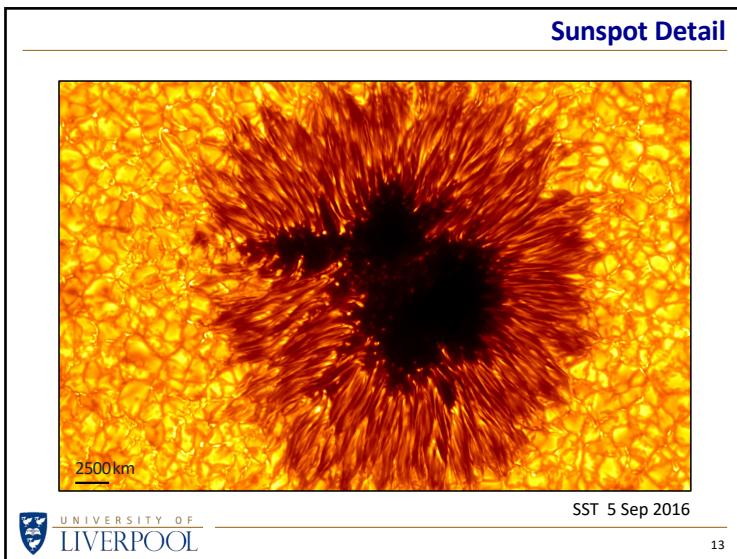
Scheiner 1635

Galileo 1615

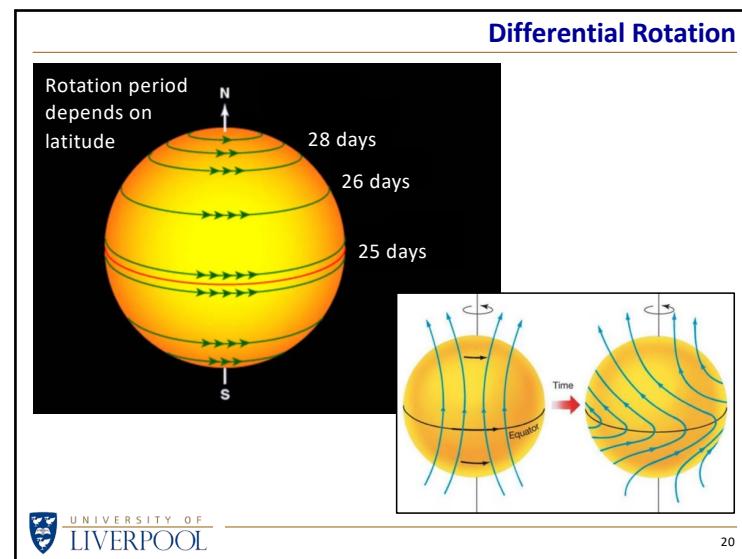
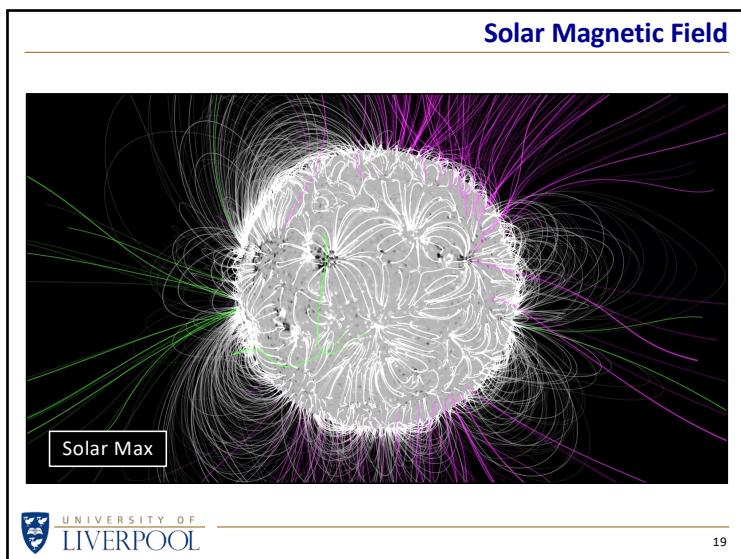
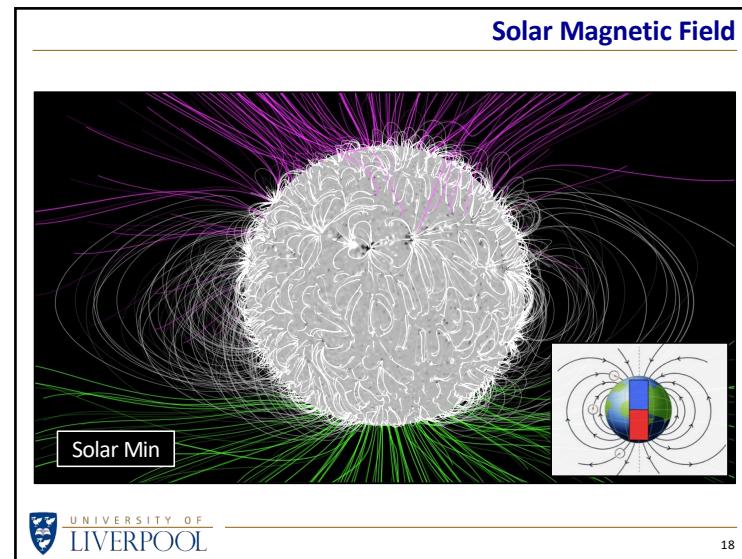
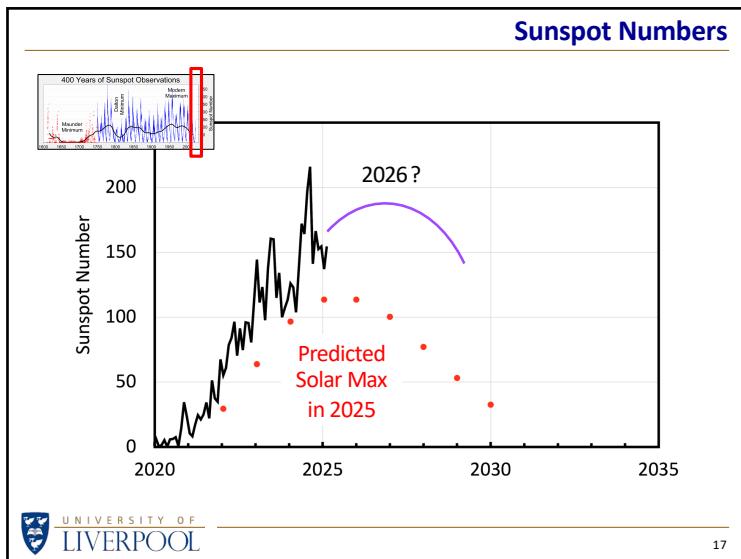
UNIVERSITY OF LIVERPOOL

12

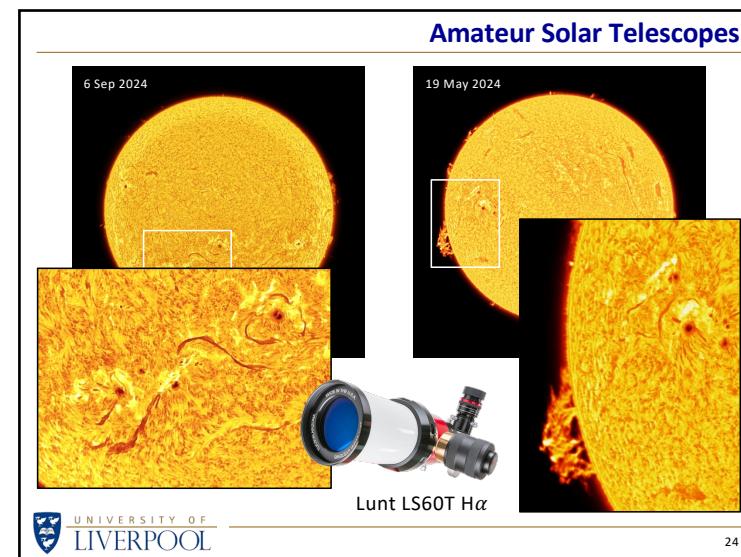
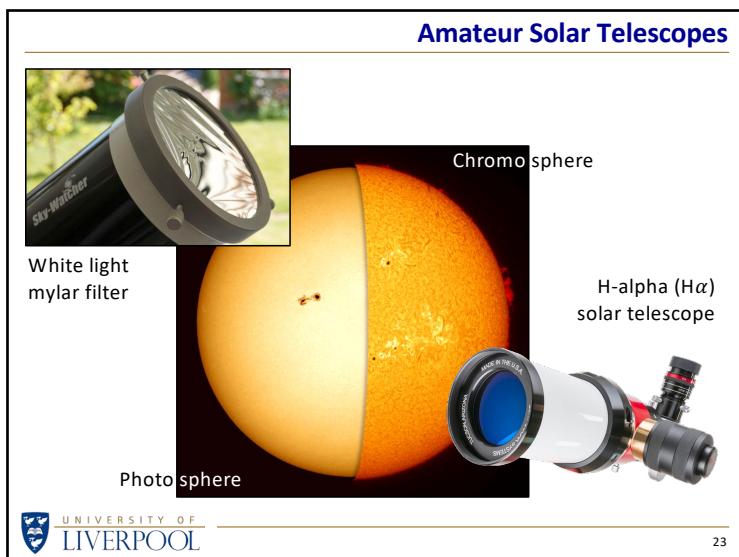
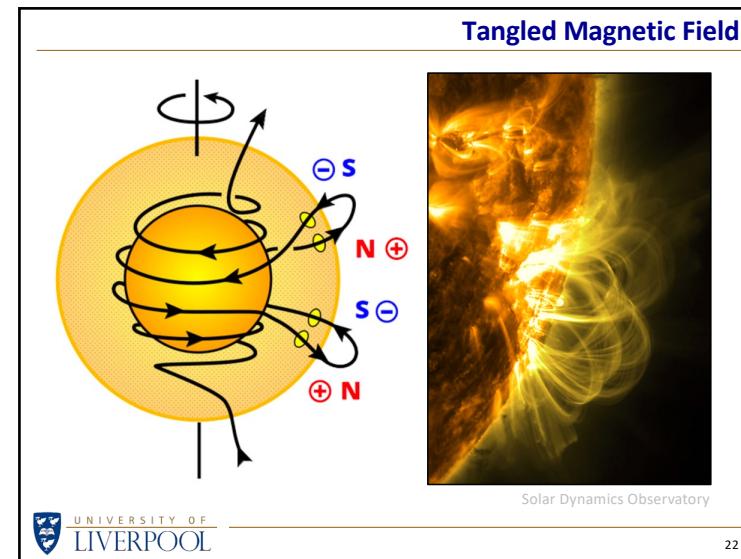
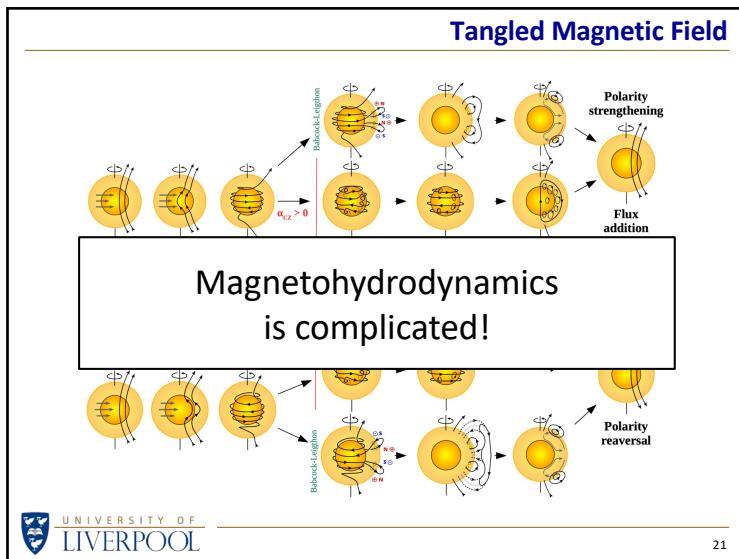
# Exploring the Solar System V – Solar Max



# Exploring the Solar System V – Solar Max



# Exploring the Solar System V – Solar Max



# Exploring the Solar System V – Solar Max

## Large Solar Telescopes

GREGOR (Tenerife)

EST (La Palma)

DKIST (Hawaii)

Large solar telescopes located at mountaintop observatories around the world.

UNIVERSITY OF LIVERPOOL

25

## Solar Telescopes in Space

Parker Solar Probe

Solar Dynamics Observatory

UNIVERSITY OF LIVERPOOL

26

## Want To Know More?

NASA overview  
[science.NASA.gov/sun](http://science.NASA.gov/sun)

science.NASA.gov/mission/sdo

science.NASA.gov/mission/parker-solar-probe

ESA.int/Science\_Exploration/Space\_Science/Solar\_Orbiter

NSO.edu/telescopes/inouye-solar-telescope

EST-east.eu

UNIVERSITY OF LIVERPOOL

27

